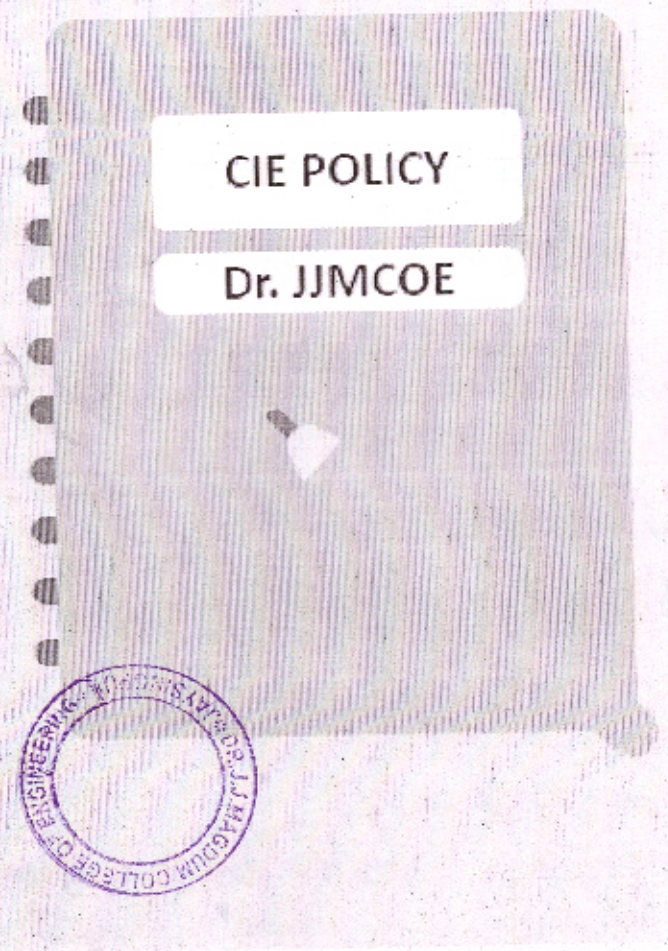
1.1.2 The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Name of Activity	Description
C.I.E. (Continuous Internal Assessment)	CIA (Continuous Internal Assessment)& ISE (In semester Evaluation) Policy helps to bring transparency about the process of continuous internal assessment. This helps in maintaining academic quality of students.

Dr. J. J. Magdum College of Engineering, Jaysingpur

Academics

(Continues Internal Evaluation) CIE-I & II POLICY



CIE Policy

1. There will be two CIE of 30 Marks each, in every s for all subjects.
   The students should pass in both the CIE- I & passing the students should score minimum 40% m 12 marks out of 30 in each subject of CIE.

CIE Policy

2. The final marks out of 30 for SUK theory pape given on the basis of best of two for CIE.

Linkage of CIE marks with Term Work

3. Term work of Academic Performance is linked to C out of 60 marks of CIE I & II combined should be into 5 marks of Academic Performance.

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Electronics and Telecommunication Engineering

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Date-09-5-2023

CIE - II TIME TABLE

A.Y.2022-23-SEM-II

CLASS-SY ETC		
DATE	TIME	SUBJECT
11/05/23	10.00 am to 11.00am	ECD-II
	12.30 pm to 1.30pm	LIC
	2.30 pm to 3.30pm	CS
12/05/23	10.00 am to 11.00am	DCOM
	12.30 pm to 1.30pm	DS

CLASS-TY ETC		
DATE	TIME	SUBJECT
11/05/23	10.00 am to 11.00am	DSP
	12.30 pm to 1.30pm	MM
	2.30 pm to 3.30pm	AWP
12/05/23	10.00 am to 11.00am	OE-II
	12.30 pm to 1.30pm	PE

CLASS-BTech ETC & ETRX		
DATE	TIME	SUBJECT
11/05/23	10.00 am to 11.00am	MWE
	12.30 pm to 1.30pm	WCOM
12/05/23	10.00 am to 11.00am	VE/PED
	12.30 pm to 1.30pm	ELECT-II

Prof.D.U.Chavan
Exam Co-Ordinator
Dept of ETC & ETRX Engg.

Prof.M.M.Kolar
HOD
Dept of ETC & ETRX Engg.

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Examination Cell

All the students of Civil Engineering Department should note the details of Continues Internal Evaluation –II (semester II) 2022-23 (30 Marks).The examination will be conducted with **OFFLINE MODE (SUBJECTIVE TYPE).**

S.Y.

Name of the Subject	Date	Time
Surveying- II	11/05/2023	10.00 am to 11.00 am
Fluid Mechanics-II	11/05/2023	12.00 to 01.00 pm
Structural Mechanics	11/05/2023	2.30 pm to 3.30 pm
Building Design and Drawing	12/05/2023	10.00 am to 11.00 am
Concrete Technology.	12/05/2023	12.00 Pm to 01.00 pm

T.Y.

Name of the Subject	Date	Time
Theory of Structure	11/05/2023	10.00 am to 11.00 am
Engineering Management	11/05/2023	12.00 to 01.00 pm
Environmental Engineering-II	11/05/2023	2.30 pm to 3.30 pm
Open elective - I (Disaster Management/ Soil & Water Conservation Tech.)	12/05/2023	**10.00 am to 11.00 am**
Geotechnical Engineering-II	12/05/2023	12.00 Pm to 01.00 pm

B.Tech

Name of the Subject	Date	Time
Design of Concrete Structure-II	11/05/2023	10.00 am to 11.00 am
Water Resource Engineering -II	11/05/2023	12.00 to 01.00 pm
Transportation Engineering-II	11/05/2023	2.30 pm to 3.30 pm
Elective-II	12/05/2023	10.00 am to 11.00 am
Elective- III	12/05/2023	12.00 Pm to 01.00 pm

Important Note

FOR Students:

1. Attendance for test is compulsory
2. Each subject carries 30 marks
3. There will be separate passing in class internal exam (Class test) and End Semester Examination (University Exam).
4. Retest will not be conducted

Examination In-charge
Department of Civil Engineering

Head of Deapartment
Department of Civil Engineering

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust - (No. F/002)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Date: 07/10/2023

Circular

To,
All TY, SY, FY and Final Year B.Tech students & First, Second Year students M.C.A.

All TY and Final Year B.Tech students and Second Year M.C.A. students are hereby informed that, CIE - II Exam is scheduled on 21st October and 23rd October 2023 and First Year B Tech and M.C.A. Students and S.Y. B.Tech students CIE - I Exam is scheduled on 21st October and 23rd October 2023.

Prof. R. H. Yadav
Coordinator

Prof. A.S.Sajane
Dean, Academics

Dr. S.B. Patil
Incharge Principal

Dr.U. B. Deshmanyar
Advisor

Copy to – All Head of,

Civil Engineering Department		
Mechanical Engineering Department		
Electronics and Communication Department		
Computer Science Engineering Department		
Information Technology Department		
Artificial Intelligence and Data Science Department		
First Year Engineering Department		

DR. J. J. MAGDUM COLLEGE OF ENGINEERING

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Electronics and Electronics and Telecommunication Engineering

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CIE - I TIME TABLE

A.Y.2022-23

TY

DATE	TIME	SUBJECT
14-10-2022	10.00am – 11.00am	OCN
	12.30 pm – 1.30pm	VLSI
	2.30pm – 3.30pm	EME
15-10-2022	10.00am – 11.00am	SS

BTech

DATE	TIME	SUBJECT
14-10-2022	10.00am – 11.00am	EBD
	12.30 pm – 1.30pm	IP
	2.30pm – 3.30pm	CN
15-10-2022	10.00am – 11.00am	SATCOM
	12.30 pm – 1.30pm	ELE-I

DR.J.J.MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

A-209

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Electronics & Telecommunication Engineering

CIE-I Attendance sheet

TY ETC

Roll no	Name of student	14/10/2022	14/10/2022	15/10/2022	15/10/2022
		CCN	DIGITAL & VLSI	EME	SS
1	Gandhawale Sarang N.				
2	Jagdale Pushpraj D.				
3	Joshi Kedar N.				
4	Pandharbale Shraddha D.				
5	Kekale Rutuja Rajendra				
6	Surve Sushant Budhas				
7	Chavan Pradnya Sanjay				
8	Chorage Dhanashri Dhanaji				
9	Arekar Sayali Arun				
10	Bhosale Shraddha N.				
11	Nadaf Tanjila Salim	AB	AB	AB	AB
12	Patil Akshay Arun				
13	Kulkarni Varun Vinod				
14	Sadare Vishakha Deepak				
15	Mulani Arshad Kasim				
16	Chavan Pranav Maruti				
17	Shalani Kumari				
18	Kulkarni Nishant Deepak	Ab	AB	AB	AB
19	Kesarkar Balkrushna D.				
20	Patil Shivraj Suresh	AB	AB	AB	AB
21	Shikalgar Jainab S.				
22	Patil Vaishnavi Balasaheb				
23	Renuke Yash Santosh				
24	Holkar Indrajeet Suryakant				
25	Shikalgar Shahin Babasab				
26	Harale Pavan Balaso				
27	Jagdale Aishwarya Deepak				
28	Patil Aditi Bhartesh	Ab	AB	AB	AB
29	Sargar Rachna Arun				
30	Chougule Pratik Sanjay				

SUPERVISOR SIGNATURE				
SUPERVISOR NAME	A. B. Sutar	Pratik	Mrs. Swami M.S.	Mrs. Swami M.S.
Total no. of students in block	30	30	30	30
No. of Present students	26	26	26	26
No. of Absent students	04	04	04	04
Roll no. of absent students	11, 18, 20, 28	11, 18, 20, 28	11, 18, 20, 28	11, 18, 20, 28

Dr. J. J. Magdum College Of Engg. Department E & TC Jaysingpur

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Electronics & Telecommunication Engineering

CIE-I Attendance sheet

BTech ETC,ETRX

Roll.no	Name of student	14/10/2022	14/10/2022	14/10/2022	15/10/2022	15/10/2022
		EBD	IP	CN	SATCOM	ELECTIVE-I
1	Babar Prasad Popat	PRB	PRB	PRB	PRB	PRB
2	Sonawale Bhagyashree	Sonawale	Sonawale	Sonawale	Sonawale	Sonawale
3	Patil Prati : Dushyant	PDPatil	PDPatil	PDPatil	PDPatil	PDPatil
4	Sutar Niki a	NSutar	NSutar	NSutar	NSutar	NSutar
5	Shetti Nar rata Sunil	SShetti	SShetti	SShetti	SShetti	SShetti
6	Koshti Sn hal Prabhakar	SKoshti	SKoshti	SKoshti	SKoshti	SKoshti
7	Khot Prad ya Arun	PKhot	PKhot	PKhot	PKhot	PKhot
8	Latif Sani a Shakil	SShatif	SShatif	SShatif	SShatif	SShatif
9	Nadaf Saniya Haroon	SNadaf	SNadaf	SNadaf	SNadaf	SNadaf
10	Shinge Ranjeet Balaso	AB	AB	AB	AB	AB
11	Kamble Vinesh Vijay	VKamble	VKamble	VKamble	VKamble	VKamble
12	Chikalakki Dhanappa S.	SChikalakki	SChikalakki	SChikalakki	SChikalakki	SChikalakki
13	Patil Komal Bhanudas	KPatil	KPatil	KPatil	KPatil	KPatil
14	Kate Sneha Sanjay	SKate	SKate	SKate	SKate	SKate
15	Vaidya Omkar Vaibhav	OVaidya	OVaidya	OVaidya	OVaidya	OVaidya
16	Gurav Tejas Gurudatta	TGurav	TGurav	TGurav	TGurav	TGurav
17	Reena Babanrao Made	Reena	Reena	Reena	Reena	Reena
18	Gaikwad Shweta S.	SGaikwad	SGaikwad	SGaikwad	SGaikwad	SGaikwad
19	Patil Gayatri Bharat	GPatil	GPatil	GPatil	GPatil	GPatil
20	Chavan Mohini Somnath	ChavanSM	ChavanSM	ChavanSM	ChavanSM	ChavanSM
21	Sanket Suresh Bhoi	SBhoi	SBhoi	SBhoi	SBhoi	SBhoi
22	Patil Rohit Chandrakant	RPatil	RPatil	RPatil	RPatil	RPatil
23	Patil Chetan Sanjay	CPatil	CPatil	CPatil	CPatil	CPatil
24	Aniket Patil Thorat	AThorat	AThorat	AThorat	AThorat	AThorat
25	Kacchi Akil Hanif	AKacchi	AKacchi	AKacchi	AKacchi	AKacchi
26	Mujawar Tanjeel M.	TMujawar	TMujawar	TMujawar	TMujawar	TMujawar
27	Jathar Jayesh Sunil	JJathar	JJathar	JJathar	JJathar	JJathar
28	Sudhir Sale	SSale	SSale	SSale	SSale	SSale
29	Kore Chaitanya Arvind	CKore	CKore	CKore	CKore	CKore
Roll.no	Name of student	14/10/2022	14/10/2022	14/10/2022	15/10/2022	15/10/2022
		EBD	IP	CN	ITCT	ELECTIVE I
30	Abhishek Pawar (Etrx)	APPawar	APPawar	APPawar	APPawar	APPawar
SUPERVISOR SIGNATURE						
SUPERVISOR NAME		S. S. Kamble	V. Kamble	V. Kamble	R. R. Kadgaon	P. P. Belagali
Total no. of students in block		30	30	30	30	30
No. of Present students		29	29	29	29	29
No. of Absent students		01	01	01	01	01
Roll no. of absent students		10	10	10	10	10

Dr. J. J. Magdum College Of Engg. Department E & TC Jaysingpur

Dr. J. J. Magdum College of Engineering

Dr.J.J.Magdum Trusts

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Electronics & TelecommunicationEngineering

Continuous Internal Evaluation- I

Class: B.Tech Div:___ Year: 2022-23 Sem: I Subject: Image Processing

Date: 14/10/2022 Time:12.30 to 1.30 Max Marks: 30

		CO
	Solve following MCQs (1 Mark Each)	
1.	In which type of image acquisition technique need not required any type of motion	2
	A Image acquisition using single sensor	
	B Image acquisition using a linear sensor strip	
	C Image acquisition using a circular sensor strip	
	D Image acquisition using a circular sensor array	
2.	The function of Iris is	1
	A Detect color	
	B Varies focal length	
	C Control source of light	
	D Control amount of light	
3.	What is the name of the tool that helps in zooming, shrinking, rotating, etc.?	1
	A Filters	
	B Interpolation	
	C Sampling	
	D None of the above	
4.	In Power Law transformation if the gamma value is one then	2
	It transforms to	
	A Identity transformation	

Dr. J. J. Magdum College of Engineering, Jaysingpur

Electronics and telecommunication Engineering Department

Class BE Roll No. 01 Day Friday Date 14/10/2022

Subject Image Processing

Question Number	1	2	3	4	5	6	7	8		Total Marks
Marks Obtained	1		1	1	1	1	6	5	5	22

Signature of Supervisor

Signature of Examiner

Q

1) A

2) D

3) B

4) A

5) B

6) B

Q (4) Local Histogram processing

① In digital image processing the histogram is used for graphical representation of digital image. A graph is plotted by the no of the pixels for each tonal value

② Image histogram is presents in digital cameras photographee used them to see the distribution of the tones is capactured

③ In a graph horizontal axis of graph is used to reprent the tonal varcations whereas the vertical axis is used to represent the no of the pixels is that perticulare pixels

④ black and dark area are are represented in the left hand side of the Horizontal axis & the vertical axis represents the size of the area.

Histogram processing techinques =

① Histogram is sliding window. the complete Histogram is shifted towards the right. owords or leftwards.

② Histogram equilazation is used for the equlization. all the levels of pixels values of an shape.

05

eye is an a important and one of the most complex sensory organ that we we humans and end over with it help a eaiferial object. and help us the in right processing colour end depth pequlization. perciption.

Beside the sense organ are prett much simitter to camera. and they help. we see objects when the light coming from outside entire them. that being said

scalae - it is the. scalae op output converting g protective tough white lare w

conera. the front of transperit port of th scaler is called conera the righ it enter eye through

Rods - are the optic neve cells that are more sentine to dem light they help in peripherral vesion.

optic nerve - these are two typeo of Rods and nerve.

pupile - A small opening in

05

Dr. J. J. Magdum College of Engineering, Jaysingpur

Class B.E Roll No. 01 Engineering Department

Subject _____ Day _____ Date _____

Question Number	1	2	3	4	5	6	7	8	Total Marks
Marks Obtained									

Signature of Supervisor

Signature of Examiner

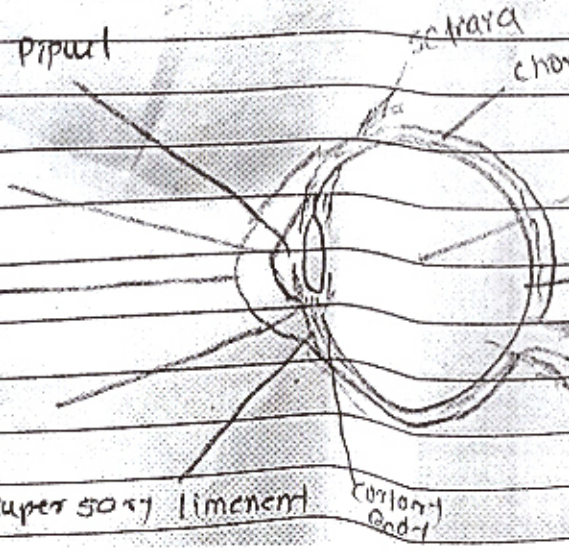
Here γ is gamma this is the transformation is known as gamma transformation.

All display devices have their own gamma correction that modify the display image in intensity.

this uses basic the enhansing the image.

the power law transformation with internal

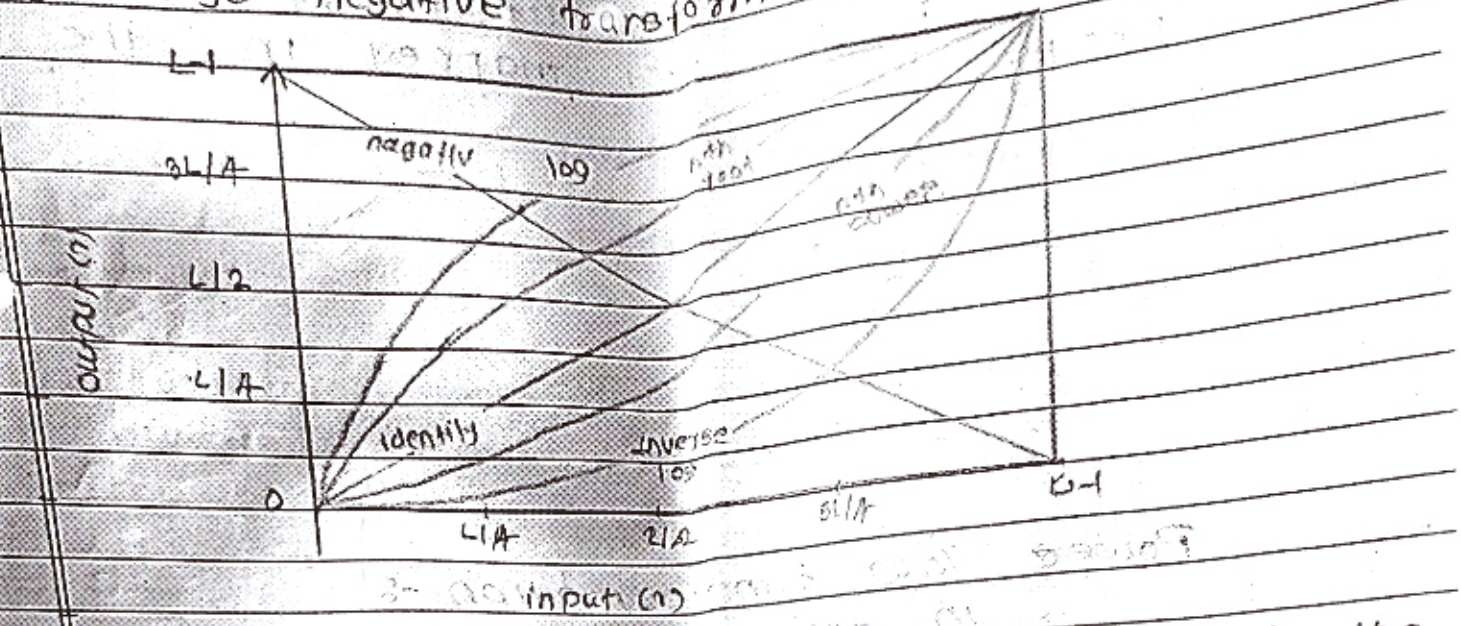
(7) Draw the structure of human eye and explain elements of visual preception.



Following gray level transformation.

gray level transformation.

① Image Negative transformation



the image negative with graph level in the range of [0, L-1] is obtained by negative transformation given by $S = (T_H)(r)$ $S = L-1-r$

where r = graph level pixel (x, y)

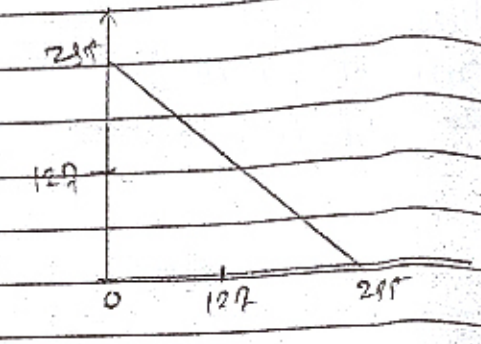
L = is the level. is graph level consist in the image.

the result in getting photographic negative uses the when for enhancing image. visible image. in dark region.

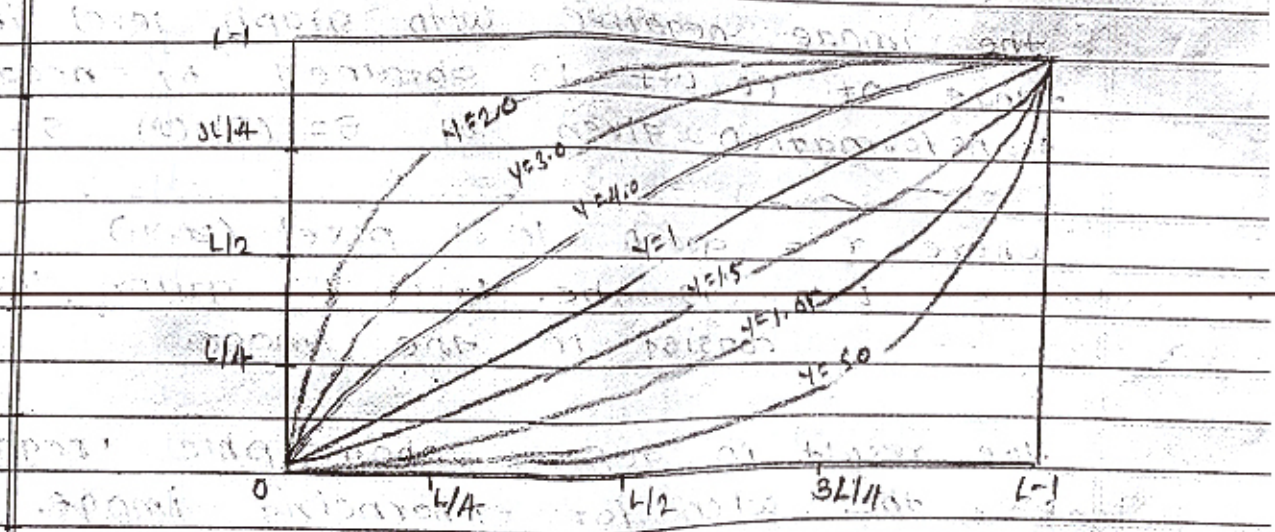
As expected the we set that some basic transformation function is used for image enhancing In case of negative transformation.

As expected the we get that axis generated with the value of functional is equation is reduces to the directly

transformation when.
$c = r = 1$
have exactly opposite effect as these
generated with value of $r < 1$
Negative transformation is the Each
of value of the input image is substrat
from L-1 and they mapped in the outpu
image.



Power law transformation -
in the power



in the power law transformation the
there are two types of transformation
nth root transformation and nth power
transformation.
the power law transformation is
formula is $S = cr^{\gamma}$

Dr. J. J. Magdum College of Engineering, Jaysingpur
Department of Electronics And Electronics & Telecommunication Engineering

CIE-I Result Analysis

SY ETC

DATE	SUBJECT	TOTAL STUDENTS	PRESENT STUDENTS	ABSENT STUDENT:	Roll Numbers of absent students	failed stuents roll no.
14/10/2022	ENGG. Mathematics-III	40	38	2	33,39	10,11,17,34,37,40
14/10/2022	ECD-I	40	38	2	33,39	40
14/10/2022	ACOM	40	38	2	33,39	34,37,40
15/10/2022	TAM	40	38	2	33,39	2,4,10,15,22,37
15/10/2022	NA	40	38	2	33,39	2,17,34,40

TY ETC

DATE	SUBJECT	TOTAL STUDENTS	PRESENT STUDENTS	ABSENT STUDENTS	Roll Numbers of absent students	failed stuents roll no.
14/10/2022	OCN	74	58	16	11,18,20,28,39,49,54,57, 61 to 66,68,69	4,12,13
14/10/2022	DIGITAL & VLSI	74	58	16	11,18,20,28,39,49,54,57, 61 to 66,68,69	12,35,53,59,70, 72
15/10/2022	EME	74	58	16	11,18,20,28,39,49,54,57, 61 to 66,68,69	8,12,13,14,15,23, 24,31,35,36,38, 40,42,45,48,50, 55,58,59,60,67, 70,71,72,73,74
15/10/2022	ES	74	58	16	11,18,20,28,39,49,54,57, 61 to 66,68,69	nil

BTech ETC,ETRX

DATE	SUBJECT	TOTAL STUDENTS	PRESENT STUDENTS	ABSENT STUDENTS	Roll Numbers of absent students	failed stuents roll no.
14/10/2022	EBD	30	29	1	10	25
14/10/2022	IP	30	29	1	10	7,8,9,11,12,21,23,2 5,26,28,29,30
14/10/2022	CN	30	29	1	10	nil
15/10/2022	SATCOM	30	29	1	10	12,25
15/10/2022	ITCT	1	1	0	-	nil
15/10/2022	ELECTIVE-I	30	29	1	10	nil

Exam Co-ordinator
ETC Dept.

Dr. J. J. Magdum College Of Engg. Department E & TC Jaysingpur

HOD
Dept. of ETC & ETRX Engg.

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Electronics and Electronics and Telecommunication Engineering

****

DATE-24/11/22

NOTICE

CIE-II Exam

INSTRUCTIONS FOR STUDENTS -

1) CIE-II Exam for TY & BTech ETC,ETRX is scheduled on 2nd Dec & 3rd Dec 2022,by offline mode only.

2)Attendance for CIE-II Exam is Mandatory.

3) CIE-II Exam will be of 30 marks, consisting MCQ of 6 marks and 24 marks of descriptive questions.

4) Dress code and ID card is compulsory.

5) Be present before 10 min of Exam time.

6) Retest will not be conducted.

7) CIE-II marks will be considered in SUK assessment.

Prof.D.U.Chavan
Exam Co-Ordinator
Dept of ETC & ETRX Engg.

Prof.M.M.Kolap
HOD
Dept of ETC & ETRX Engg.

Dr. J. J. Magdum College Of Engg
Department
E & TC
Jaysingpur

DR.J.J.MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Electronics and Electronics and Telecommunication Engineering

****

CIE - II TIME TABLE

A.Y.2022-23

TY

DATE	TIME	SUBJECT
2-12-2022	10.00am – 11.00am	OCN
	12.30 pm – 1.30pm	VLSI
	2.30pm – 3.30pm	EME
3-12-2022	10.00am – 11.00am	SS
	10.00am – 11.00am	OE-I

BTech

DATE	TIME	SUBJECT
2-12-2022	10.00am – 11.00am	EBD
	12.30 pm – 1.30pm	IP
	2.30pm – 3.30pm	CN
3-12-2022	10.00am – 11.00am	SATCOM
	10.00am – 11.00am	ELE-I

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Electronics & Telecommunication Engineering

CIE-II Attendance sheet

TY ETC

Roll no	Name of student	2-12-2022	2-12-2022	2-12-2022	3-12-2022	3- 2-2022
		OCN	DIGITAL & VLSI	SS	OE-I	EME
1	Gandhawale Sarang N.					
2	Jagdale Pushpraj D.					
3	Joshi Kedar N.					
4	Pandharbale Shraddha D.					
5	Kekale Rutuja Rajendra					
6	Surve Sushant Budhas					
7	Chavan Pradnya Sanjay					
8	Chorage Dhanashri Dhanaji					
9	Arekar Sayali Arun					
10	Bhosale Shraddha N.	AB		AB		
11	Nadaf Tanjila Salim					
12	Patil Akshay Arun					
13	Kulkarni Varun Vinod					
14	Sadare Vishakha Deepak					
15	Mulani Arshad Kasim					
16	Chavan Pranav Maruti					
17	Shalani Kumari					
18	Kulkarni Nishant Deepak					
19	Kesarkar Balkrushna D.					
20	Patil Shivraj Suresh					
21	Shikalgar Jainab S.					
22	Patil Vaishnavi Balasaheb	AB		AB		
23	Renuke Yash Santosh					
24	Holkar Indrajeet Suryakant					
25	Shikalgar Shahin Babasab					
26	Harale Pavan Balaso					
27	Jagdale Aishwarya Deepak					
28	Patil Aditi Bhartesh	AB		AB	AB	
29	Sargar Rachna Arun					
30	Chougule Pratik Sanjay					

SUPERVISOR SIGNATURE					
SUPERVISOR NAME	P.P. Belagali		Ms. M. R. Naik		
Total no. of students in block	30	30	30	30	30
No. of Present students	26+1=27	27	27	28	27
No. of Absent students	03	03	03	02	03
Roll no. of absent students	10, 22, 28	10, 22, 28	10, 22, 28	10, 28	10, 22, 28

Dr. J. J. Magdum College Of Engineering Department E & TC Jaysingpur

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Electronics & Telecommunication Engineering

CIE-II Attendance sheet

TY ETC

Roll no	Name of student	2-12 2022	2-12-2022	2-12-2022	3-12-2022	3-12-2022
		C N	DIGITAL & VLSI	SS	OE-I	EME
58	Kamat Akash Suresh					
59	Mane Pratiksha Jaywant					
60	Shweta Shashikant Bhat					
61	Patil Shreya Alias Sakshi G.					
62	Chavan Shraddha Arjun					
63	Jamadar Shirin Faruddin					
64	Nadaf Aaysha Salim	AB	AB	AB		
65	Kajave Ankita Chandrakant	AB	AB	AB	AB	AB
66	Chavan Ravindra Sanjay	AB	AB	AB	AB	AB
67	Haveldar Alfaj Najeer-					
68	PRATHIKA DATTANAND R.					
69	Jadhav Vaishnav Balkrishna	AB	AB			AB
70	Sarikmaslat Alisha					
71	karwade shreya					
72	chavan aditya					
73	nagvekar aditya					
74	NAIKWADI ABHISHEK B.					
	SUPERVISOR SIGNATURE					
	SUPERVISOR NAME					
	Total no. of students in block	17	17	17	17	17
	No. of Present students	13	13	13	14	14
	No. of Absent students	04	04	04	03	03
	Roll no. of absent students					

Dr. J. J. Magdum College of Engg. Department E & TC Jaysingpur

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr.J.Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Electronics and Telecommunication Engineering

Continuous Internal Evaluation (CIE) No: 02

Class:TY ETC | Year: 2022-23 | Sem: I

Subject: SIGNALS & SYSTEMS

Date:2/12/22 | Time:2.30-3.30 | Max Marks: 30

Instructions:

1. Use of non-programmable calculator.
2. Figures to the right indicate full marks.

Que.No	Sub Que.No	Questions	Marks	CO
Que. 01		Attempt following	6	
	1	What is the distributive property of a discrete time convolution? a) [x1(n) + x2(n)]*h(n) = x1(n)* [x2(n) + h(n)] b) [x1(n) + x2(n)] = x1(n)* [x2(n) + h(n)] c) [x1(n) + x2(n)]*h(n) = x1(n)* h(n)+ x2(n) * h(n) d) [x1(n) + x2(n)]*h(n) = x1(n)* h(n)* x2(n) * h(n)		
	2	The signal power of the periodic rectangular pulses of height 1 and width 1, is a) 0.25 W b) 0.75 W c) 0.5 W d) 1 W	1	1
	3	The signal power of the signal x (t) = 2sin 2t – 4sin 4t + 5cos 4t – 2cos 2t with period 0.5 s a) 30 W b) 30 W c) 60 W d) 12 W	1	1
	4	Which of the following systems is stable? a) y(t) = log(x(t)) b) y(t) = sin(x(t)) c) y(t) = exp(x(t)) d) y(t) = tx(t) + 1	1	1

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	5	Which of the following systems is memoryless? a) y(t) = x(2t) + x(t) b) y(t) = x(t) + 2x(t) c) y(t) = -x(t) + x(1-t) d) y(t) = x(t) + 2x(t- 2)	1	1
	6	For what value of k will the following system be time invariant? y(t) = x(t) + x(kt) – x(2t) + x(t-1) a) 1 b) 2 c) 3 d) 2.5	1	1
Q.02		Attempt any three	24	
	a)	Classification of CT and DT system in detail.	8	1
	b)	Compute the convolution by tacular method. x(n)={1,1,0,1,1} ↑ h(n)={1,-2,-3,4} ↑	8	2
	c)	Explain Fourier Transform properties with proof- 1)linearity 2)Time scaling	8	2
	d)	Compute linear Convolution of following by calculation of basic equation method, also check by tabular method. x(n)={1,1,1,1} ↑ h(n)={1,1,1,1} ↑	8	2
	e)	comparison of energy &power signal. also find energy & power for the following signal. 	8	2

E&TC Engineering Department

Class TY Roll No. 51 Day Friday Date 2-12-22

Subject Signals & systems.

Question Number	1	2	3	4	5	6	7	8	Total Marks
Marks obtained	06		08	08	08				30

Signature of Supervisor Signature of Examiner

Q.1)

1) → c] $[x_1(n) + x_2(n)] * h(n) = x_1(n) * h(n) + x_2(n) * h(n)$

2) → c] 0.5 W

3) → a] 30 W

4) → b] $y(t) = \sin(x(t))$

5) → b] $y(t) = x(t) + 2x(t)$

6) → b] 2

Q.2.

b] $x(n) = \{1, 1, \underset{\uparrow}{0}, 1, 1\}$ $h(n) = \{1, -2, -3, \underset{\uparrow}{4}\}$

$x(n) = \{1, 1, \underset{\uparrow}{0}, 1, 1\}$

$h(n) = \{1, -2, -3, \underset{\uparrow}{4}, 0\}$

Range of n : -5 to 3

	x(n)					
	y(-5)	y(-4)	y(-3)	y(-2)	y(-1)	
	1	1	0	1	1	
h(n) 1	(1x1)	(1x1)	(1x0)	(1x1)	(1x1)	y(0)
-2	(-2x1)	(-2x1)	(-2x0)	(-2x1)	(-2x1)	y(1)
-3	(-3x1)	(-3x1)	(-3x0)	(-3x1)	(-3x1)	y(2)
4	(4x1)	(4x1)	(4x0)	(4x1)	(4x1)	y(3)
0	(0x1)	(0x1)	(0x0)	(0x1)	(0x1)	

Q.2 d]

	x(n)					
	y(-5)	y(-4)	y(-3)	y(-2)	y(-1)	
	1	1	0	1	1	
h(n) 1	1	1	0	1	1	y(0)
-2	-2	-2	0	-2	-2	y(1)
-3	-3	-3	0	-3	-3	y(2)
4	4	4	0	4	4	y(3)
0	0	0	0	0	0	

$y(-5) = 1$

$y(-4) = -1$

$y(-3) = -5$

$y(-2) = 2$

$y(-1) = 3$

$y(0) = -5$

$y(1) = 1$

$y(2) = 4$

$y(3) = 0$

08

$y(n) = \{1, -1, \underset{\uparrow}{-5}, 2, 3, -5, 1, 4, 0\}$

$y(n) = \{1, -1, -5, 2, 3, \underset{\uparrow}{-5}, 1, 4, 0\}$

Q.2.

a) $x(n) = \{\underset{\uparrow}{1}, 1, 1, 1\}$

$h(n) = \{\underset{\uparrow}{1}, 1, 1, 1\}$

Ranges of n = 0 to 6

Ranges of k is ~~depends~~ same of $x(n)$

$\therefore k = 0$ to 3

$$y(n) = \sum_{-\infty}^{\infty} x(k) * h(n-k) \quad \text{---(1)}$$

$$y(n) = \sum_{k=0}^{3} x(k) * h(n-k) \quad \text{---(2)}$$

$x(0) = 1, x(1) = 1, x(2) = 1, x(3) = 1$ or $h(0) = 1, h(1) = 1, h(2) = 1, h(3) = 1$

Condition of n

$y(0) = x(0) \cdot h(0-0) + x(1) \cdot h(0-1) + x(2) \cdot h(0-2) + x(3) \cdot h(0-3)$

$y(0) = x(0)\cdot h(0) + x(1)\cdot h(-1) + x(2)\cdot h(-2) + x(3)\cdot h(-3)$

$y(0) = (1\times1) + (1\times0) + (1\times0) + (1\times0)$

$y(0) = 1$

$y(1) = x(0)h(1-0) + x(1)h(1-1) + x(2)h(1-2) + x(3)h(1-3)$

$y(1) = x(0)h(1) + x(1)h(0) + x(2)h(-1) + x(3)h(-2)$

$y(1) = (1\times1) + (1\times1) + (1\times0) + (1\times0)$

$y(1) = 1+1$

$y(1) = 2$

$y(2) = x(0)h(2-0) + x(1)h(2-1) + x(2)h(2-2) + x(3)h(2-3)$

$y(2) = x(0)h(2) + x(1)h(1) + x(2)h(0) + x(3)h(-1)$

$y(2) = (1\times1) + (1\times1) + (1\times1) + (1\times0)$

$y(2) = 1+1+1+0$

$y(2) = 3$

$y(3) = x(0)h(3-0) + x(1)h(3-1) + x(2)h(3-2) + x(3)h(3-3)$

$y(3) = x(0)h(3) + x(1)h(2) + x(2)h(1) + x(3)h(0)$

$y(3) = (1\times1) + (1\times1) + (1\times1) + (1\times1)$

$y(3) = 1+1+1+1$

$y(3) = 4$

$y(4) = x(0)h(4-0) + x(1)h(4-1) + x(2)h(4-2) + x(3)h(4-3)$

$y(4) = x(0)h(4) + x(1)h(3) + x(2)h(2) + x(3)h(1)$

$y(4) = (1\times0) + (1\times1) + (1\times1) + (1\times1)$

$y(4) = 1+1+1$

$y(4) = 3$

$y(5) = x(0)h(5-0) + x(1)h(5-1) + x(2)h(5-2) + x(3)h(5-3)$

$y(5) = x(0)h(5) + x(1)h(4) + x(2)h(3) + x(3)h(2)$

$y(4) = (1\times0) + (1\times0) + (1\times1) + (1\times1)$

$y(5) = 1+1$

$y(5) = 2$

$y(6) = x(0)h(6-0) + x(1)h(6-1) + x(2)h(6-2) + x(3)h(6-3)$

$y(6) = x(0)h(6) + x(1)h(5) + x(2)h(4) + x(3)h(3)$

$y(6) = (1\times0) + (1\times0) + (1\times0) + (1\times1)$

$y(6) = 1$

$y(n) = \{1, 2, 3, 4, 3, 2, 1\}$

OR

Tabular method:

$x(n) = \{1, 1, 1, 1\}$

$h(n) = \{1, 1, 1, 1\}$

$y(0) = 1$

$y(1) = 2$

$y(2) = 3$

$y(3) = 4$

$y(4) = 3$

$y(5) = 2$

$y(6) = 1$

$y(n) = \{1, 2, 3, 6, 3, 2, 1\}$

$\therefore$ Hence proved by two methods.

Q.2

a) → list of the fourier transform properties.

1. linearity and superposition
2. time scaling
3. Duality and symmetric
4. time shifting
5. frequency shifting
6. Area under $x(t)$
7. Area under $x(f)$
8. Differentiation in time domain
9. integration in time domain
10. conjuect function
11. meanthametical in time domain
12. convolution theorem.

1) linearity :-

IF $x_1(t) \xleftrightarrow{F} X_1(f)$ and $x_2(t) \xleftrightarrow{F} X_2(f)$ of fourier transform pair, and a_1 and a_2 are the constants.

$$\therefore [a_1 x_1(t) + a_2 x_2(t)] \xleftrightarrow{F} [a_1 X_1(f) + a_2 X_2(f)]$$

proof :-

~~F[x(t)]~~

$$F[a_1 x_1(t) + a_2 x_2(t)] = \int_{-\infty}^{\infty} [a_1 x_1(t) + a_2 x_2(t)] e^{-j2\pi Ft}$$

$$= a_1 x_1(t) \cdot e^{-j2\pi Ft} dt + a_2 x_2(t) \cdot e^{-j2\pi Ft} dt$$

$$= a_1 X_1(F) + a_2 X_2(F)$$

∴ Hence proved :-

2) Time Scaling :-

let $x(t)$ and $X(F)$ are pairs of Fourier transform and α is the constant

$$x(\alpha t) = \frac{1}{|\alpha|} X\left(\frac{F}{\alpha}\right)$$

proof :-

α is a constant in two state positive or negative.

① 'α' positive ($\alpha > 0$) :-

$$x(\alpha t) = \int_{-\infty}^{\infty} x(\alpha t) \cdot e^{-j2\pi F t} dt$$

substituting $\alpha t = \tau$, $\alpha dt = d\tau$ and

$$dt = \frac{d\tau}{\alpha}$$

$$\mathcal{F}\{x(t)\} = \int_{-\infty}^{\infty} x(t)\, e^{-j2\pi F t}\, dt$$

$$\mathcal{F}\{x(\alpha t)\} = \frac{1}{\alpha} \int_{-\infty}^{\infty} x(\alpha t)\, e^{-j2\pi F t}\, dt$$

② "α" negative ($\alpha < 0$):-

$$\mathcal{F}\{x(-\alpha t)\} = \int_{-\infty}^{\infty} x(-\alpha t)\, e^{-j2\pi F t}\, dt$$

$$= \frac{1}{-\alpha} \int_{\infty}^{-\infty} x(\alpha t)\, e^{j2\pi F t/\alpha}\, dt$$

But α is a negative

$$\therefore \mathcal{F}\{x(-\alpha t)\} = -\frac{1}{\alpha} \int_{-\infty}^{\infty} x(\alpha t)\, e^{-j2\pi F t/\alpha}\, dt$$

Hence property is proved.

Summary of CIE

AY 2022-23 SEM I

Sr. No	Description	Date	Class
1.	CIE I	14/10/2022 to 15/10/2022	B.tech, TY, SY
2.	CIE II	02/12/2022 to 03/12/2022	B.tech, TY
3.	CIE I	16/12/2022 to 17/12/2022	SY

Dr. J. J. Magdum Trust's (Reg. E0802)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Date: -06 /10/ 2022

To,
All Subject In-charges,
Department of Civil Engineering

Subject - Regarding CIE-1

Sir / Madam,

The CIE for S. Y. , T.Y. and B. Tech of Academic Year 2022-23 Semester - I is scheduled from 14th Oct 2022 to 16th Oct2022, as per the time table prepared.

The examination will be conducted with **offline mode**. Examination will be of **30 marks**. CIE paper contains 6 MCQ's of 1 mark each and remaining 24 marks are for subjective questions, distribution of which can be decided by respective subject In charge as per university syllabus.

Question bank for both MCQ and descriptive questions in 1:2 ratio and send to students either on whatsapp / Google Classroom/ any other suitable platform (if possible through ERP) by tomorrow. (07-10-2022)

The subject in-charge is expected to prepare the question paper.

Respective subject in charge should announce syllabus for **CIE** to students in Class/whatapp group and accordingly prepare question paper as per format, and submit the same on or before **11/10/2022upto11.00am to Prof Ms S. S Khot.**

S Khot

Examination In-charge
Department of Civil Engineering

Head of Deaparment
Department of Civil Engineering

Enclose :- CIE- question paper format.

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Examination Cell

All the students of Civil Engineering Department should note the details of Continues internal Evaluation (Semester) 2022-23(30 Marks). The examination will be conducted with **OFFLINE MODE**.

S.Y. B.Tech		
Name of the Subject	**Date**	**Time**
Engineering Mathematics-III	14/10/2022	9:40-10:40 AM
Surveying- I	14/10/2022	11:40AM -12:40 PM
Fluid Mechanics-I	14/10/2022	2:30 AM – 3:30 AM
Strength of Materials	15/10/2022	9:30-10:30 AM
Building Construction and Material	15/10/2022	11:40AM -12:40 PM

T.Y. B.Tech		
Name of the Subject	Date	Time
Water Resources Engineering	14/10/2022	9:40-10:40 AM
Design of Steel Structure	14/10/2022	11:40AM -12:40 PM
Environmental Engineering I	14/10/2022	2:30 PM – 3:30 PM
Open elective - I (Disaster Management/ Soil & Water Conservation Tech)	15/10/2022	**9:30-10:30 AM**
Geotechnical Engineering-I	15/10/2022	11:40AM -12:40 PM

Final year B.Tech		
Name of the Subject	**Date**	**Time**
Quantity Survey and Valuation	14/10/2022	9:40-10:40 AM
Earthquake Engineering	14/10/2022	11:40AM -12:40 PM
Design of Concrete Structure	14/10/2022	2:30 PM – 3:30 PM
Transportation Engineering-I	**15/10/2022**	**9:30-10:30 AM**
PE- I Solid Waste Management	**15/10/2022**	11:40AM -12:40 PM

Important Note

FOR Students:

1. Attendance for test iscompulsory
2. Each subject carries 30marks (೬ ಅಂಕಗಳ ಸರಾಸರಿ ಅಂಕಗಳನ್ನು ತೆಗೆದುಕೊಳ್ಳಲಾಗುವುದು)
3. There will be separate passing in class internal exam (Class test) and End Semester Examination (University Exam).
4. Retest will not beconducted

Examination In-charge
Department of Civil Engineering

Head of Department
Department of Civil Engineering

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

(Examination Cell)

Date: - 10/10/2022

NOTICE

The following faculty and staff membersof Civil Engineering Department are hereby informed to oversee details of **Continuous Internal Evaluation – I, Semester – I – 2022-23**supervision duties allotted to them on **14th Oct 2022 & 15th Oct 2023**as per Time table.

Note:- 1. Please ask the students to write their roll numbers on the answer booklet compulsorily.
2. Mandatory reporting timing - 10 min before every paper timing.

Prof. M. S. S. Khot
Class Te I/C

Dr. J. S Lamb
Head of Department

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Name of Faculty	14/10/2022			15/10/2022			Sign
	9:40 to 10:40	11:40 to 12:40	2:30 to 3:30	9:30 to 10:30	11:40 to 12:40	Total	
B.C			206			01	
K.G	206					01	
A.C		203		214		02	
R.S		206		206		02	
S.N.M	214		203		203	03	
B.S.L			214	203		02	
S.P.M	203	214				02	
V.P	214			214		02	
M.N		203	214	214		03	
S.N		214		206	203	03	→ F.C duties
V.P		206		203	206	03	
[illegible]	203		206		206	03	
G.R	206		203		214	03	

Dr. J. J. Magdum Trust's (No. F/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

Examination Cell

All the students of Civil Engineering Department should note the details of Continues Internal Evaluation – I Semester I: 2022-23(30 Marks).The examination will be conducted with **OFFLINE MODE**. The Seating arrangement for Students is as per following.

	S.Y.,T.Y. & B.Tech		
	Name of the Subject	**Date& Time**	**Block Number**
1	Engineering Mathematics III Water Resources Engineering Quantity Survey and Valuation	14/10/2022 9:40-10:40 AM	203- B.tech Roll No. 1-41 T.Y. Roll No. 1-41 206- B.tech Roll No. 41-50, 142-150 T.Y. Roll No. 41-50, 142-150 S.Y. Roll No. 1-7 214- B.tech Roll No.101-141 T.Y. Roll No. 101-141
2	Surveying-I Design of Steel Structure Earthquake Engineering	14/10/2022 11:40 AM - 12:40 PM	203- B.tech Roll No. 1-41 T.Y. Roll No. 1-41 206- B.tech Roll No. 41-50, 142-150 T.Y. Roll No. 41-50, 142-150 S.Y. Roll No. 1-7 214-B.tech Roll No.101-141 T.Y. Roll No. 101-141
3	Fluid Mechanics-I Environmental Engineering-I Design of Concrete Structure	14/10/2022 2:30 PM - 3:30 PM	203- B.tech Roll No. 1-41 T.Y. Roll No. 1-41 206- B.tech Roll No. 41-50, 142-150 T.Y. Roll No. 41-50, 142-150 S.Y. Roll No. 1-7 214-B.tech Roll No.101-141 T.Y. Roll No. 101-141
4.	Strength of Materials Open elective – I Waste Management Transportation Engineering-I	15/10/2022 9:30 AM - 10:30 AM	203- B.tech Roll No. 1-41 T.Y. Roll No. 1-41 206- B.tech Roll No. 41-50, 142-150 T.Y. Roll No. 41-50, 142-150 S.Y. Roll No. 1-7 214-B.tech Roll No.101-141 T.Y. Roll No. 101-141
5	Building Construction and Material Geotechnical Engineering-I PE- I Solid Waste Management	15/10/2022 11:40 AM - 12:40 PM	203- B.tech Roll No. 1-41 T.Y. Roll No. 1-41 206- B.tech Roll No. 41-50, 142-150 T.Y. Roll No. 41-50, 142-150 S.Y. Roll No. 1-7 214-B.tech Roll No.101-141 T.Y. Roll No. 101-141

Examination In-charge
Department of Civil Engineering

Head of Deapartment
Department of Civil Engineering

DR. J. J. MAGDUM COLLEGE OF ENGINEERING, JAYSINGPUR

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Civil Engineering

Continuous Internal Evaluation - I

Class: TY Div:A and B Year: 2022-23 Sem: I Subject: Geotechnical Engineering I

Date: 15/10/2022 Time: 11:30 AM-12:30 PM Max Marks: 30

	Solve following MCQs (1 Mark Each)	CO
1.	The ratio of the volume of air to the total volume is (a)Air content (b)Degree of saturation (c)Percentage air voids (d)Void ratio	1
2.	The water content at which soil changes from the liquid state to the plasti state is known as ..... (a)Liquid Limit (b)Plastic Limit (c)Shrinkage Limit (d)None of the above	1
3.	Arrangement and state of aggregation of soil particles in soil mass is known as (a)Soil Structure (b)Soil Permeability (c)Soil Consistency (d)None of the above	1
4.	The sedimentation analysis is done with the help of _____ (a)Hydrometer and Pipette (b) Sieve (c)All of the mentioned (d)None of the mentioned	1
5.	Which of the following is the correct hydrometer reading equation? (a)R = Rh' + Cm ± CL – Cd (b)R = Rh' + cm + CL – Cd (c)R = Cm ± Rm – Cd + CL (d)R = Rh + Cm ± Cd + CL	1
6.	A particle-size distribution curve gives us an idea about _____ (a)Type of soil (b)Properties of soil (c)All of the mentioned (d)None of the mentioned	1
7.	Attempt any 3 (8 Marks Each)	
	a. Explain with sketch phase diagram for partially saturated soil and dry soil.	1
	b. Derive the relation for unit weight of partially saturated soil in terms of specific gravity, void ratio, degree of saturation and unit weight of water.	1
	c. Assuming cubical packing of spherical grains of uniform size. Determine voids ratio and porosity.	1
	d. A soil has liquid limit 22%, plastic limit 15%, flow index 12% and natural water content as 20%. Determine the plasticity index, toughness index, liquidity index and relative consistency. An undisturbed sample of clay has volume 19.6 cu.cm and weight 19.2 gm. On oven drying the volume and weight of sample of clay observed 10.2 cu.cm and 19.2 gm respectively. Determine shrinkage limit and degree of shrinkage.	1
	e. Explain the Casagrande's plasticity chart used for soil classification.	1
	f. A natural soil deposit of soil has bulk unit weight of 16.8 KN/cu.m. at water content of 15%. How many liters of water will have to be added to 1 cu.mt of this soil to raise its water content to 25%. The sp gravity of soil is 2.67.	1

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Civil Engineering

CIE I Marks Class- T.Y. B

Roll NO	Name Of Student	WRE I	DSS	SE I	OE- WM	GT
101	[redacted]		0	8	4	2
102	PATIL PRATHAM KISHOR	1	15	4	8	4
103	KAMBLE MEGHA MESSAPPA	2	20	4	4	5
104	PATIL SOHANPPI SURESH	3	19	3	4	3
105	PATIL GIGAMBAR SIDDHESHWAR	2	19	5	5	1
106	KALE RAKESH TANAJI	13	24	4	5	2
107	PATEL ZEESHAN JAMEEL	17	21	19	4	16
108	[redacted]		0	0	6	0
109	WALAVEKAR YOGESH MOHANRAO	6	17	12	1	19
110	KAMBLE TEJAS CHANDRAKANT	7	20	3	4	16
111	DESAI URVISH RAHUL	4	21	7	17	10
112	MAGDUM NIKHIL KUMAR	4	16	16	11	20
113	[redacted]		0	0	0	0
114	PATIL PRANIT BALASAHEB	15	11	0	13	5
115	MAHESH PRAKASH INGAVALE	3	14	3	5	1
116	DURGADE RUTUJA VIVEK	5	14	11	10	7
117	DURGADE MRUDULA RAVINDRA	6	10	3	4	17
118	ERANDOLE OMKAR SANJAY	5	21	21	11	16
119	[redacted]		0	6	0	0
120	[redacted]		0	0	30	2
121	KAMBLE RUPESH BHARAT	3	19	3	5	2
122	[redacted]		0	6	0	0
123	PATIL AKASH GANESH	11	17	6	4	0
124	PATIL POOJA SAMBHAJI	12	20	12	9	9
125	MARVAL ATHARV BHARATLAL	12	18	4	4	8
126	GURAV YASH JITENDRA	8	17	5	4	1
127	NADAF IMRAN ASLAM	4	13	3	4	1
128	PATIL SOURABH POPAT	9	16	3	7	4
129	HARALE RUTURAJ ASHOK	12	16	3	5	4
130	KHANDARE PRANIKET PRAKASH	5	20	8	18	10
131	[redacted]		0	0	0	0
132			17	5	6	16
133			0	6	0	0
134			17	3	6	3
135			0	0	0	0
136	SHINDE MAKRAND MANSING	10	25	5	9	14
137	LAD SUJATA MANOHAR	16	20	9	15	15
138	NANDAVADEKAR ABHIJEET APPAJI	23	22	13	20	13
139	PATIL Vaibhav Subhash	19	25	19	30	2
140	[redacted]		0	6	0	0
141	REVADE SAKSHI SAMBHAJI	20	14	13	27	16
142	PATIL RUSHIKESH BABASO	6	6	9	27	3
143	[redacted]		6	3	4	3
144	KAVATHEKAR PARTH VITTHAL	4	5	0	7	3
145	PATIL SAKSHI SHIVAJI	26	21	27	26	27
146	[redacted]		0	0	0	0
147	KADAM SANGRAM MAHADEV	10	16	8	10	16
148	SAYYAD JAVED KAMRAN	7	16	7	4	16
149	SUTAR YOGESH PRATAP	5	12	2	5	3

Total Students	45	49	49	49	49
Passing Percentage	40	82	16	16	37
No. of Students Present	35	38	39	39	38
No. of Students Pass	14	31	7	7	14
No. of Students Fail	21	7	32	32	24

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Computer Science &Engineering

Departmental Exam Cell

Notice **Date: 23rd November 2022**

All the students of TY and Final Year CSE department are hereby informed that **Continuous Internal Evaluation – II for AY 2022-23 Sem-I** of 30 Marks each paper is scheduled on **2nd and 3rd Dec 2022.**

:IMPORTANT NOTE :
For Students (TY & Final Year)

1. Attendance for Test Exam is compulsory.
2. Each Subject carries 30 marks.
3. Exam will be of **Subjective Type.**
4. There will be separate passing in class internal exam (class test) and End Semester Examination (Univesity Exam) i.e. you should require minimum 12 marks in class internal Exam and 28 marks in End Semester Examination.
5. Retest will not be conducted
6. Exam will be conducted in **offline mode.**
7. Duration of exam will be of 1 hour.
8. Average of CIE-1 and CIE-2 will be considered for end semester exam.

Kindly note the same.

Prof. S. S.Satpute
Exam In charge

Prof.A.V.Gundavade
Academic Co-ordinator

Dr. Prof. D.A.Nikam
HOD-CSE

Dr. J.J. Magdum College of Engg. Dept. of CSE

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Computer Science &Engineering

Departmental Exam Cell

Notice

Date: 23rd November 2022

All the faculty members of CSE department are hereby informed that **Continuous Internal Evaluation – II for AY 2022-23 Sem-I for TY & B.Tech students** of 30 Marks each paper is scheduled on **2nd and 3rd Dec 2022**. All the faculty members should submit the question paper up to 29th November 2022.

Submit the paper on email id: sneha.satpute@jjmcoe.ac.in

Kindly note the same.

Important Note:

1. Each Subject carries 30 marks.
2. Test will be of **Subjective Type.**
3. Exam will be conducted in offline mode.
4. Duration of exam will be of 1 hour.
5. Retest will not be conducted.

Syllabus:

1) TY, B.Tech: As per subject incharge.

Prof. S. S.Satpute	**Prof.A.V.Gundavade**	**Dr. Prof. D.A.Nikam**
Exam In charge	**Academic Co-ordinator**	**HOD-CSE**

Dr. J.J. Magdum College of Engg. Jaysingpur-416101 Dept. of CSE

DR. J.J. MAGDUM COLLEGE OF ENGINEERING

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Computer Science &Engineering

Date: 23rd November 2022.

Time Table

Continuous Internal Evaluation – II

SEM I 2022-23

B.Tech CSE

Sr no	Date / Day	Theory Exam Time	SUBJECT
01	02/12/2022) (Friday)	9:30 am to 10:30 am	Advanced Computer Architecture
02	02/12/2022) (Friday)	12:30pm to 1:30 pm	Cloud Computing
03	03/12/2022) (Saturday)	9:30 am to 10:30 am	Advanced Database System
04	03/12/2022 (Saturday)	02:30pm to 03:30 pm	Artificial Intelligence

Prof. S S. Satpute
Exam In charge

Prof.A.V.Gundavade
Academic Co-ordinator

Dr. Prof. D.A.Nikam
HOD-CSE

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Computer Science &Engineering

Date: 23rd November 2022.

Time Table

Continuous Internal Evaluation – II

SEM I 2022-23

TYCSE

Sr no	Date / Day	Theory Exam Time	SUBJECT
01	02/12/2022 (Friday)	9:30 am to 10:30 am	Information Security
02	02/12/2022 (Friday)	12:30pm to 1:30 pm	System Programming
03	02/12/2022 (Friday)	03:00 pm to 04:00 pm	Object Oriented Modeling & Design
04	03/12/2022 (Saturday)	9:30 am to 10:30 am	Open Elective-I (Internet of Things)
05	03/12/2022 (Saturday)	02:30pm to 03:30 pm	Computer Algorithms

Prof. S S. Satpute
Exam In charge

Prof.A.V.Gundavade
Academic Co-ordinator

Dr. Prof. D.A.Nikam
HOD-CSE

Dr. J.J. Magdum College of Engg. Jaysingpur Dept. of CSE

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Computer Science Engineering

Continuous Internal Evaluation - II

Class: BTech Div: Year: 2022-23 Sem: I

Subject: Advanced Computer Architecture

Date: 02/12/2022 Time:09:30am to 10:30am Max Marks: 30

	Solve following MCQs (1 Mark Each)	CO
1.	When a machine is pipelined, the ____ execution of instructions requires pipelining of the functional unit. a. Overloaded b. Over rode c. Overlapped d. Overcrowded	4
2.	The ratio which stays constant as performance and cost is increased by equal factors is called as- a.Performance Ratio b. Cost Ratio c. Cost-Performance Ratio d. All of the above	1
3.	The cost-performance ratio is a good indicator of ____ quality for small changes. a. Relative b. Absolute c. Absolute relative d. All of the above	4
4.	The processors in a multiprocessor system communicate with each other through _ a. Shared memory b. The shared variable in a common memory c. Both a & b d. None of the above	3
5.	Pipelining offers an economical way to realize ____ parallelism in digital computers. a. Spatial b. Temporal c. Concurrent d. None of the above	3
6.	Pipelining ____ the clock cycle time. a. Decreases b. Increases c. Stabilizes d. None of the time	1
7.	Attempt any following questions (8 Marks Each)	
	1.Explain principles of linear pipeline	4
	2.Explain classification of pipeline processor	3
	3. Explain Hazard detection.	4

Dr.J.J.Magdum College of Engineering, Jaysingpur
Computer Science Department
Certificate (CIE):

Class & Div. IV Roll No. 47 Date 3-12-24

Subject IOT

Que. Number	SA	SB	1	2	3	4		8	Total
Marks Obt	06	08	07	04					25

Sign of Supervisor Sign of Examiner

Q.A. 1. a) 64-bit

2. a) Passive

3. a) USB connection

4. a) object Identification

5. d) Both a & b

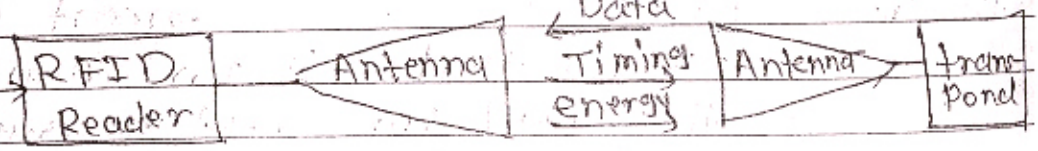
6. b) Redio frequency waves

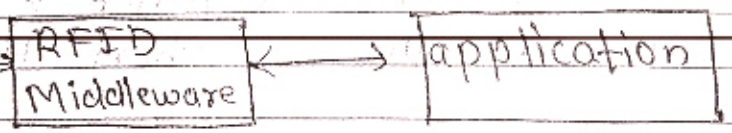
Q.B. 1.

	RFID	Smart Card
	RFID that line need for contact of line of sign	i) In smart card ~~need to issue~~ are with contact & contactless (short distance).
Data	i) RFID can scan entire data pattern at once.	ii) In smart card nea issue communication within response for data require.
communication	iii) It has a ~~stima~~ simultaneous communication with multiple tags.	iii) It has one communication at a time.

speed	iv) RFID is a greater speed	iv) smart card have lack of mobility
storage	v) RFID has 64–128 bit storage.	v) EEROM : 8K–128K bit storage capacity
cost	vi) RFID cost 2005: $0.5 per hundred of dollar 2008: $0.01 per tags: several dollar per reader	vi) In smart card Typical cost range from $2.00 to $10.00.
appln	vii) RFID has numerous applications like the smart card	vii) smart card has many applications
	viii) RFID is independant of the touching sense.	viii) smart card dependant of touching of to sense.

2. Components of RFID:-





RFID Technique consist four component such as:

a) RFID tags:-

i) RFID taag are small device consist of an electronic microchip embedded inside an antenna.

ii) There are two RFID tages Active tag & passive tag.

Passive tag:- Does not have a power.
Active tag :- uses a power source like battery does not required power from surrounding.

b) Antenna :-
i) RFID Antenna are design to operate at a specific frequency for each application. In which it operates.
ii) These antenna often mounted on RFID reader and accesiable for tags to tap on it.

c) RFID Reader :-
i) RFID Reader is one of the signified Hardware component which read information from RFID device and connected to Network.
ii) After frequency is one of the specification in RFID Reader communicate over network host computer.

d) Software :-
i) Sowftware RFID uses specific software depends on service providers.
ii) This software connected control RFID reader intiate scan and retrive information from tags.
iii) software stores information to a local computer send to cloud storage. RFID tags.
iv) RFID tags can be erased and reused using control software.

3) function of RFID Reader:-

i) RFID Reader are small device consist of an electronic micro chip.

ii) RFID Reader is one of the signed Hardware component.

iii) RFID Reader Read information from RFID device.

iv) RFID Reader connected to the Network.

v) In RFID Reader frequency is one of the specification in RFID Reader.

vi) RFID Reader communicate over Network host computer.

vii) RFID Reader uses specific Softwares. It depends on service provide.

viii) This software control RFID Reader intiate scan and retrive information from tags.

ix) software stores information.

Date: 13/12/2022

Class: TY CSE

Continuous Internal Evaluation-I (CIE-II) - Result Analysis (Year- 2022-23)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Information Security	76	76	72	94.73%	4	Prof. R.D.Mane	Remedial classes will be arranged for failed students
2	System Programming	76	75	66	88.00%	9	Prof. A.M.Chougule	Remedial classes will be arranged for failed students
3	Object Oriented Modelling & Design	76	75	68	90.66%	7	Prof.A.V.Gundavade	Remedial classes will be arranged for failed student
4	Computer Algorithms	76	75	66	88.00%	9	Dr.D.A.Nikam	Remedial classes will be arranged for failed student
5	Elective(Internet of Things)	76	75	69	92.00%	6	Prof. P.S.Pathak	Remedial classes will be arranged for failed students

Prof. S.S.Satpute
Exam Co-ordinator

Prof. A.V.Gundavade
Academic Co-ordinator

Dr.D.A.Nikam
H.O.D

Date: 13/12/2022

Class: B.Tech CSE

Continuous Internal Evaluation-I (CIE-II) - Result Analysis (Year- 2022-23 SEM-I)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Advanced Computer Architecture	83	81	75	92.59%	6	Prof.P.S.Ambupe	Remedial classes will be arranged for failed students
2	Cloud Computing	83	81	74	91.35%	7	Prof.S.B.Farande	Remedial classes will be arranged for failed students
3	Advanced Database Systems	83	81	79	97.53%	2	Prof.A.V.Gundavade	Remedial classes will be arranged for failed students
4	Elective (Artificial Intelligence)	83	82	62	75.60%	20	Prof.R.D.Mane	Remedial classes will be arranged for failed students

Prof. S. S.Satpute
Exam In charge

Prof.A.V.Gundavade
Academic Co-ordinator

Dr. Prof. D.A.Nikam
HOD-CSE

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Computer Science &Engineering

Departmental Exam Cell

Notice

Date: 3rd March 2023

All the faculty members of CSE department are hereby informed that **Continuous Internal Evaluation – I for AY 2022-23 Sem-II for SY, TY & B.Tech students** of 30 Marks each paper is scheduled **9th Mar to 10th Mar 2023**. All the faculty members should submit the question paper up to **4th Mar 2023**.

Submit the paper on email id: sneha.satpute@jjmcoc.ac.in

Kindly note the same.

Important Note:

1. Each Subject carries 30 marks.
2. Test will be of **Subjective Type.**
3. Exam will be conducted in offline mode.
4. Duration of exam will be of 1 hour.
5. Retest will not be conducted.

Syllabus:

1) SY,TY,B.Tech: As per subject incharge.

Prof. S. S.Satpute	**Prof.A.V.Gundavade**	**Dr. Prof. D.A.Nikam**
Exam In charge	**Academic Co-ordinator**	**HOD-CSE**

3/3/23

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Computer Science &Engineering

Departmental Exam Cell

Notice **Date: 3rd March 2023**

All the students of SY, TY and Final Year CSE department are hereby informed that **Continuous Internal Evaluation – I for AY 2022-23 Sem-II** of 30 Marks each paper is scheduled on **9th Mar to 10th Mar 2023.**

:IMPORTANT NOTE :
For Students (SY, TY & Final Year)

1. Attendance for Test Exam is compulsory.
2. Each Subject carries 30 marks.
3. Exam will be of **Subjective Type.**
4. There will be separate passing in class internal exam (class test) and End Semester Examination (Univesity Exam) i.e. you should require minimum 12 marks in class internal Exam and 28 marks in End Semester Examination.
5. Retest will not be conducted
6. Exam will be conducted in **offline mode.**
7. Duration of exam will be of 1 hour.
8. Average of CIE-1 and CIE-2 will be considered for end semester exam.

Kindly note the same.

Prof. S. S.Satpute	**Prof.A.V.Gundavade**	**Dr. Prof. D.A.Nikam**
Exam In charge	**Academic Co-ordinator**	**HOD-CSE**

3/3/23

Dr. J.J. Magdum College of Engineering Dept. of Computer Science & Engineering

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Computer Science &Engineering

Date: 4th April 2022.

Time Table

Continuous Internal Evaluation – I

SEM II 2022-23

BECSE

Sr no	Date / Day	Theory Exam Time	SUBJECT
01	09/03/2023 (Thursday)	10:00 am to 11:00 am	Big Data Analytics
02	09/03/2023 (Thursday)	12:30pm to 1:30 pm	Deep Learning
03	10/03/2023 (Friday)	11:15 am to 12:15 pm	Natural Language Processing
04	10/03/2023 (Friday)	03:00 pm to 04:00 pm	Block Chain Technology

Prof. S S. Satpute
Exam In charge

Prof. A.V.Gundavade
Academic Co-ordinator

3/3/23
Dr. Prof. D.A.Nikam
HOD-CSE

Dr. J.J. Magdum College of Engg. Jaysingpur-416101 Dept. of CSE

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Computer Science &Engineering

Date: 4th April 2022.

Time Table

Continuous Internal Evaluation – I

SEM II 2022-23

TYCSE

Sr no	Date / Day	Theory Exam Time	SUBJECT
01	09/03/2023 (Thursday)	11:15 am to 12:15 pm	Compiler Construction
02	09/03/2023 (Thursday)	03:00 pm to 04:00 pm	Operating System-II
03	09/03/2023 (Thursday)	10:00 am to 11:00 am	OEC-II (E-commerce & Digital Marketing)
04	10/03/2023 (Friday)	12:30pm to 1:30 pm	Database Engineering
05	10/03/2023 (Friday)	03:00 pm to 04:00 pm	Machine Learning

Prof. S S. Satpute
Exam In charge

Prof. A.V.Gundavade
Academic Co-ordinator

3/3/23
Dr. Prof. D.A.Nikam
HOD-CSE

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Computer Science &Engineering

Date: 3rd Mar 2022..

Time Table

Continuous Internal Evaluation – I

SEM II 2022-23

SYCSE

Sr no	Date / Day	Theory Exam Time	SUBJECT
01	09/03/2023 (Thursday)	10:00 am to 11:00 am	Automata Theory
02	09/03/2023 (Thursday)	12:30pm to 1:30 pm	Computer Networks-II
03	09/03/2023 (Thursday)	03:00 pm to 04:00 pm	Computer Organization & Architecture
04	10/03/2023 (Friday)	10:00 am to 11:00 am	Operating System-I
~~05~~	~~10/03/2023~~ (Friday)	~~12:30pm to 1:30 pm~~	~~Software Engineering~~

Prof. S S. Satpute
Exam In charge

Prof.A.V.Gundavade
Academic Co-ordinator

3/3/23
Dr. Prof. D.A.Nikam
HOD-CSE

Dr. J.J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Computer Science and Engineering

Document

CIE-I Result Analysis

Date: 21/03/2023

Class: B.Tech CSE

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-II)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Big Data Analysis	83	77	75	97.40%	2	Prof.S.S.Satpute	Remedial classes will be arranged for failed students
2	Deep Learning	83	78	76	97.43%	2	Prof.P.S.Ambupe	Remedial classes will be arranged for failed students
3	Natural Language Processing	83	77	76	98.70%	1	Prof.P.S.Pathak	Remedial classes will be arranged for failed students
4	Block Chain Technology	83	77	76	98.70%	1	Prof.S.A.Narde	Remedial classes will be arranged for failed students

Prof. S. S.Satpute
Exam In charge

Prof.A.V.Gundavade
Academic Co-ordinator

Dr. Prof. D.A.Nikam
HOD-CSE

Dept. of CSE

Dr.J.J.Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Engineering

Continuous Internal Evaluation - I

Class: B.Tech CSE **Year: 2022-23** **Sem: II**

Subject: Natural Language Processing (PCE-CS803)

Date: 10/03/2023 **Time : 11:15 am to 12:15 pm** **Max Marks: 30**

Q. A	Solve following MCQs (1 Mark Each)	CO
1.	NLP is concerned with the interactions between computers and human (natural) languages. a) True b) False	1
2.	Choose form the following areas where NLP can be useful. a) Automatic Text Summarization b) Automatic Question-Answering Systems c) Information Retrieval d) All of the mentioned	1
3.	What is Machine Translation? a) Converts one human language to another b) Converts human language to machine language c) Converts any human language to English d) Converts Machine language to human language	1
4.	Applications of Natural Language Processing a. Automatic Summarization b. Sentiment Analysis c. Text Classification d. All of the above	1
5.	_____ makes it possible to assign predefined categories to a document and organize it to help you find the information you need or simplify some activities. a. Automatic Summarization b. Sentiment Analysis c. Text Classification d. All of the above	1
6.	Companies use Natural Language Processing applications, such as _____, to identify opinions and sentiment online to help them understand what customers think about their products and services a. Automatic Summarization b. Sentiment Analysis c. Text Classification d. All of the above	1
Q. B	**Attempt any 3 (8 Marks Each)**	
	1. What is NLP? Mention advantages and disadvantages of NLP. List and explain.	1
	2. List and explain various levels of Natural Language Processing (NLP).With neat labelled diagram.	1
	3. What is ambiguity? List and explain different types of ambiguity.	1
	4. What are computational challenges in Natural Language Processing?	1

Sem-II

Dr.J.J.Magdum College of Engineering, Jaysingpur
Computer Science & Engineering Department
Continuous Internal Evaluation (CIE):

Class & Div: TY 03 Dev Date: 10-3-23

Subject: Database Engineering

Que. Number	1	2	3	4	5	6	7	8	Total
Marks Obt.									25/30

Sign of Supervisor

1 a) Tables.

2 d) Schema, Instance

3 a) DML (Data Manipulation Language)

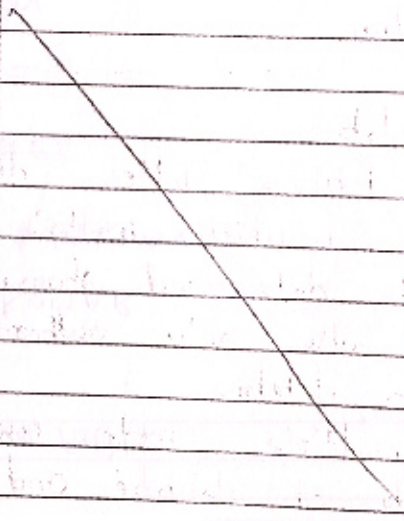
4 a) No proper subset is a super key.

5 c) Depends on no of Columns

X

6 b) One to One

5



Q.7

a) Database -

Database is a collection of information that organizes in predefined relationships and store in tables. The table contains rows and columns.

The database is controlled by database management system. The database management system is a collection of information which is interrelated to each other and database management system is collection of information are highly valuable and in large amount.

Advantages of Database management System -

(1) Reducing data redundancy -

In file database management system numbers of files can be located at different locations and multiple models. Because of this it is a possibility to create number of copies of single one file.

The database is prevention of this problem in that if any change take place immideatly known to user so there is prevention of duplicate copies of data and reducing the data redundancy.

(2) Sharing of data -

In database follows the sharing data mechanism in which multiple users can be accessed the data and shared between themselves and also only authorised person has access on database.

The multiple remote users are also access the data of database and storing between themselves.

(3) Data security:-

Data security is the main aspect of the database management system. which follows different data security mechanism.

Only authorised user has access to the data it can also use the username and password for data to access them. because of this there is no access of unauthorized person take places.

(4) Privacy -

The database management system follows privacy rules to access the data. The only authorized person can access the data. The authorized person also use username and password for protection of data.

Example - In social networking site the different account has different access control which follows privacy rule.

Some data base contains the important information or images so it will take in private.

(5) Data integrity:-

It can follows the data integrity mechanism inwhich it will check the database contains the accurate data or not. The data integrity also important aspect in database.

b)

There are six different relational operators

i) Select :- σ
ii) project :- Π
iii) Cartesian product :- $\times$
iv) Union :- $\cup$
v) Set difference :- $-$
vi) Rename :- ρ

The description of relational operators are as follows

① select operation -

The select operation select the tuple in specify predications.
The notation is σ

Example - Consider a instructor table which contains a tuple of department name

ID	Name	dept_Name	Salary
1111	Omkar	physics	95000
2222	Suyog	physics	94000
3333	Rupesh	physics	91000

ii) project operation -

A unary operation that gives the relation of argument if any attribute is left out.

The notation is Π

Computer Science & Engineering Department
Continuous Internal Evaluation (CIE):

Class & Div: ____ Roll No. 03 Day 1 Date 1e-3-23

Subject: Database Engineering

Que. Number	1	2	3	4	5	6	7	8	Total
Marks O.t.									

Sign of Examiner

it is also used for elimination of any attribute

Example - eliminate the dept_name attribute

TT = (ID, name, salary) (Instructor)

ID	name	salary
1111	Ombar	50000
2222	Suyog	90000
3333	Rupesh	91000

iii) Cartesian product operation -

The Cartesian product operation allows to combine the relationship of any ~~two entities~~.

The notation are :- X

Example -

Student Name

Roll No	Name
1	Suyog
2	ombar

Name of subject

Roll No	Subject
1	ML Suyog
2	DB Ombar

The Cartesian product operation is

Roll No	Name	Subject
1	Sujog	ML
1	sujog	DB
2	Ombar	ML
2	Omkar	DB

iv) Union operation :-

The union operation allows us to Combine two relations.

The Notation are : ∪

Example - all Courses tough in fall in sem 2017 and spring in sem 2018

$\Pi_{Cause\_id} = (\sigma_{sem="fall"} \wedge_{year\ 2017}^{(Section)}) \cup$

$\Pi_{Cause\_id} = (\sigma_{sem="Spring"} \wedge_{year\ 2018}^{(section)})$

Course id
CS - 107
CS - 319
CS - 355
CS - 347
FN - 250
FN - 356
FN - 101

(v) Set difference -

The set difference operation allows us to find tuple which is in one relation or another relation.

The Notation are :-

Example - All the course taught in Fall in Sem 2017 and not spring in sem 2018

$\Pi_{Course\text{-}id} = (\sigma_{sem="fall"\ \wedge\ year\ 2017}(section)) -$

$\Pi_{Course\text{-}id} = (\sigma_{sem="spring"\ \wedge\ year\ 2018}(section))$

Course id
CS - 347
PHY - 101

(vi) Rename -

The result of relational algebra expression do not have any name to prefer them we give a rename ρ attribute for name.

The Notation are :- ρ

It will be represented as

$\rho_x(E)$

Another representation is

$\rho_x(A1, A2 \ldots An)\ E$

C

i) Relation -

The relational database is a collection of information that organizes in predefined relations and store in one or more tables which contains the columns and rows.

In relational database all information arranged in relation which each other.

Example -

Consider table of instructor.

ID	Name	dep_Name	salary
2222	Ombar	physics	98000
1111	Suyog	CS	99000
333	Rupesh	IT	91000

ii) Tuple -

The row table in table space is called as Tuple i.e. row of table is known as tuple.

Each table contains the rows and columns. The rows represent record and columns represent attributes.

Example -

ID	Name	salary
2222	Ombar	98000
1111	Suyog	99000

→ Tuples

Class & Div. .... 03 .... Date 10-3-23.
Subject database Engineering.
Sign of Supervisor.........

iii) Relation instance.

A finite set of tuples represented by a relation instance.
A relation schema contains the identifier name, row, columns.

$A_1 A_2 \ldots A_n$ are the attributes

$R(A_1, A_2, \ldots, A_n)$ are the relation instance

Example -

Instructor = (ID, name, dept_Name, Salary)

iv) Domain of attributes -

The set of all allowed values to each attribute is known as domain of attributes.
Each attribute name is atomic i.e. it is indivisible.

Example - attributes

ID	Name	dep. name	Salary
1111	Suyog	CS	98000
2222	Omkar	IT	99000

Date: 21/03/2023

Class: TY CSE

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-II)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Compiler Construction	76	76	76	100%	0	Prof.S.A.Narde	----
2	Operating System - II	76	76	76	100%	0	Prof.S.B.Farande	----
3	Database Engineering	76	76	71	93.42%	5	Prof.A.V.Gundavade	Remedial classes will be arranged for failed student
4	Open Elective-II	76	76	76	100%	0	Prof.R.D.Mane	----
5	Machine Learning	76	76	72	94.72 %	4	Dr.D.A.Nikam	Remedial classes will be arranged for failed students

Prof. S.S.Satpute
Exam Co-ordinator

Prof. A.V.Gundavade
Academic Co-ordinator

Dr.D.A.Nikam
H.O.D

Dept. of CSE

Date: 21/03/2023

Class: SY CSE

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-II)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Automata Theory	77	74	73	98.64%	1	Prof.S.B.Patande	Remedial classes will be arranged for failed students
2	Computer Networks-II	77	76	75	98.68 %	1	Prof.P.S.Pathak	Remedial classes will be arranged for failed student
3	Computer Organization & Architecture	77	75	74	98.66%	1	Prof.P.S.Ambaspe	Remedial classes will be arranged for failed students
4	Operating System – I	77	68	67	98.52 %	1	Prof.A.V.Gundavade	Remedial classes will be arranged for failed student
5	Software Engineering	77	----	----	----	----	Prof.P.V.Kotharkar	Not submitted

Prof. S.S.Satpute
Exam Co-ordinator

Prof. A.V.Gundavade
Academic Co-ordinator

Dr.D.A.Nikam
H.O.D

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Information Technology

Departmental Exam Cell

Date: 8th May 2023

Notice

All the students of SY, TY and Final Year IT department are hereby informed that **Continuous Internal Evaluation – II of Sem-II (30 Marks)** each paper will be held from 11th to 12th May 2023.

IMPORTANT NOTE :
For Students (SY, TY& Final Year)

1. Attendance for Test Exam is compulsory.
2. Each Subject carries **30 marks**.
3. Exam will be of **MCQ** and **Subjective Type**.
4. There will be separate passing in class internal exam (class test) and End Semester Examination (University Exam) i.e. you should require minimum 12 marks in class internal Exam and 28 marks in End Semester Examination.
5. Retest will not be conducted
6. Exam will be conducted in **offline mode**.
7. Duration of exam will be of 1 hour.
8. Average of CIE-1 and CIE-2 will be considered for end semester exam

Kindly note the same

Prof. P. A. Tamgave	**Prof. J. T. Patil**	**Prof. R. A. Bharatiya**
Exam In charge	**Academic Co-ordinator**	**HOD-IT**

J.J. Magdum College of Engineering, Jaysingpur
I.T. Dept.

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Information Technology

Departmental Exam Cell

Date: 8th May 2023

Notice

All the faculty members of IT department are hereby informed that **Continuous Internal Evaluation – II(2022-23 sem-II) for SY, TY & B.Tech students** of 30 Marks each paper is scheduled from 11th to 12th May 2023. All the faculty members should submit the question paper upto 9th May 2023.

Submit the paper on email id: pranoti.tamgave@jjmcoe.ac.in

Kindly note the same.

Important Note:

1. Each Subject carries **30 marks.**
2. Test will be of **MCQs and Subjective Type.**
3. **6 MCQs of 1 marks each and remaining 24 marks are for Subjective**
4. Exam will be conducted **in offline mode.**
5. Duration of exam will be of 1 hour.
6. Retest will not be conducted.

Syllabus:

1) SY: As per subject incharge

2) TY: As per subject incharge.

3) Final Year: As per subject incharge.

Prof. P. A. Tamgave
Exam In charge

Prof. J. T. Patil
Academic Co-ordinator

Prof. R. A. Bharatiya
HOD-IT

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology

CONTINUOUS INTERNAL EVALUATION: II

TIME TABLE

Class:SY-IT SEM-II

Year: - 2022-23

Sr.No.	Date	Time	Subject
01	11/05/2023	10.00 am-11.00 am	CN
02	11/05/2023	12.30 pm-1.30 pm	COA
03	11/05/2023	3.30 pm-4.30 pm	DS
04	12/05/2023	10.00 am-11.00 am	TOC
05	12/05/2023	12.30 pm-1.30 pm	SE

Class:TY-IT SEM-II

Year: - 2022-23

Sr.No.	Date	Time	Subject
01	11/05/2023	10.00 am-11.00 am	CG
02	11/05/2023	12.30 pm-1.30 pm	IS
03	11/05/2023	3.30 pm-4.30 pm	IT
04	12/05/2023	10.00 am-11.00 am	CS(OPEN ELECTIVE)
05	12/05/2023	12.30 pm-1.30 pm	OS-II

Class:B.Tech SEM-II

Year: - 2022-23

Sr.No.	Date	Time	Subject
01	11/05/2023	11. 5 am-12.15 pm	ML
02	11/05/2023	2.1 pm-3.15 pm	CC
03	12/05/2023	11. 5 am-12.15 pm	BI(ELECTIVE-I)
04	12/05/2023	2.1 pm-3.15 pm	ST(ELECTIVE-II)

Prof.P.A.Tamgave
Exam co-ordinator

Prof.J.T.Patil
Academic coordinator

Prof. R.A.Bharatiya
HOD IT

Dr. J. J. Magdum College of Engineering, Jaysingpur. I.T. Dept.

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology

Date: 08-05-2023

Supervision Schedule of Continuous Internal Evaluation –II

(SEM-II, 2022-23)

Following faculty members are informed to attend the supervision turns for Continuous Internal Evaluation –II.

Sr.No.	Date	Name of Supervisor	Time	Block	Sign
1	11/05/2023	Prof. P. R. Patil	10.00 am-11.00 am	201	
2		Prof. A. G. Chendke	10.00 am-11.00 am	207	
3		Prof. P. R. Desai	11.15 am-12.15 pm	201	
4		Prof. A. S. Patil	11.15 am-12.15 pm	207	
5		Prof. P. R. Patil	12.30 pm-1.30 pm	201	
6		Prof. J. T. Patil	12.30 pm-1.30 pm	207	
7		Prof. A. G. Chendke	2.15 pm-3.15 pm	201	
8		Prof. A. S. Patil	2.15 pm-3.15 pm	207	
9		Prof. S. J. Chougule	3.30 pm-4.30 pm	201	
10		Prof. S. B. Holkar	3.30 pm-4.30 pm	207	
11	12/05/2023	Prof. J. T. Patil	10.00 am-11.00 am	201	
12		Prof. P. R. Patil	10.00 am-11.00 am	207	
13		Prof. A. G. Chendke	11.15 am-12.15 pm	201	
14		Prof. S. B. Holkar	11.15 am-12.15 pm	207	
15		Prof. P. R. Desai	12.30 pm-1.30 pm	201	
16		Prof. A. S. Patil	12.30 pm-1.30 pm	207	
17		Prof. S. J. Chougule	2.15 pm-3.15 pm	201	
18		Prof. S. B. Holkar	2.15 pm-3.15 pm	207	

Prof.P.A.Tamgave
Exam co-ordinator

Prof.J.T.Patil
Academic coordinator

Prof. R.A.Bharatiya
HOD IT

Dr. J. J. Magdum College of Engineering, Jaysingpur
I.T. Dept.

Dr. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Information Technology

Attendance Sheet CIE-II (sem-II 2022-23)

Roll No.	Name of Student	ML	CC	BI(EL-II)	ST(EL-III)
1	GAWAS AASHWINI RAGHOBA				
2	KAMBLE SIYANG PRAFULLA				
3	MITHARE AKASH SURESH				
4	NARDEKAR SURAJ JAYKUMAR				
5	JAMADADE SHREYA ANIL				
6	MANGLEKAR RUTUJA PRAKASH				
7	MOHITE SAMRUDDHI SURESH				
8	NIMBALKAR AISHWARYA PRAKASH				
9	HIREMATH ADITYA NANDIKESHWAR				
10	JARE PRASHANT LAXMAN				
11	KUMBHAR OMKAR BAJIRAO				
12	ALLAHBAKSH M. Raashid				
13	PATIL ROHIT LAXMAN				
14	KAMBLE ATISH VIJAY				
15	KHARE SURAJ RAVINDRA				
16	MAHAMUNI SHREYAS SATISH				
17	MULLA HAIDARALI TAJUDDIN				
18	PAWAR ASHLESHA MADHUKAR				
19	POTDAR DIPALI GAJANAN				
20	RAJPUT GOURI ARUNSING				
21	WAGH POONAM PRABHAKAR				
22	BANDGAR SAVITA APPASO				
23	PATHAN MUSKAN ISAK				
24	PATIL DIVYARANI DATTATRAY				
25	RAWAL MANASI MAHESH				
26	GAVALI ANUSHKA ARUN				
27	KALE SHUBHAM DINESH	AB		AB	AB
28	PANDURANG				AB
29	MORE ROHIT MARUTI				
30	BABAR YOGESHRI SHIVAJI	AB		AB	AB
31	KENJALE KEDAR DATTATRAY				
32	KHADE NAYAN NAVJEEVAN				
33	PATIL NIKITA BALKRISHNA				
34	CHAVAN POOJA TULSIDAS				
35	DHOLE AKSHATA YUVRAJ				
36	JAMADADE VRUSHALI TANAJI				
37	MANE PRJAKTA SHIVAJI				
38	SHASHIKANT	AB		AB	AB
39	JADHAV SHREYA SHRIKANT				
	Total no. of absent Students	04		04	06
	Name of Supervisor	PRD.		AGC	SJC
	Supervisor Sign				

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Information Technology
T.Y. Attendance Sheet CIE-II (sem-II 2022-23)

ROLL NO.	NAME OF STUDENT	CG	IS	IT	OS II	CS
1	BHUSNAR SANGRAMSINH					
2	DANDAVATE BHUSHAN SADASHIV					
3	DESAI SHUBHAM BHIMGONDA					
4	GAIKWAD VAIBHAVI VINOD					
5	JAMBHALE AVANTIKA JANARDAN					
6	KALE AISHWARYA SUBHASH					
7	KAMBLE PURUSHOTTAM SANJAY					
8	KASAR SWACCHAND SAMBHAJI					
9	KHEDEKAR SUDIKSHA GAJANAN					
10	KHOT SHWETA DHANANJAY					
11	KOLAPE YASHODA TUKARAM					
12	MANKAR MANALI RAJENDRA					
13	PATIL PRATIKSHA CHANDRAKANT					
14	PATIL SARVESH AVINASH					
15	PINJARI OMKAR DAGADU					
16	POWAR SUYOG SHIVAJI					
17	SALUNKHE SHITAL SANJAY					
18	SANT MAYURI DEVANAND					
19	SATAPE PRATIKSHA BALASO					
20	VHANKHANDE PRAJAKTA RAMESH					
21	SUTAR SWALIHA INYATULLA	-Ab-	AB	-Ab-	-Ab-	-Ab-
22	SHINDE VARAD SUDARSHAN					
23	YEWATE GANESH GOVIND					
24	ABRANGE SWAPNIL KIRAN					
25	AITWADE PRATHMESH PRADEEP					
26	BANDI ANA RAJU					
27	BANSODE ANJALI PRAKASH					
28	BIRNALE KIRTIKUMAR ASHOK	-Ab-	-AB-	-Ab-	-Ab-	-Ab-
29	CHAVAN AISHWARYA VILAS					
30	CHOUDHARI SIDDHANT SACHIN				-Ab-	
31	CHOUGULE ANAND DILIP					
32	DHAKANE JYOTI SUDHAKAR					
33	DHAVALE OM					
34	DHOKALE AJAY DHANANJAY					
35	FASE SAMRUDDHI DEVIDAS					
36	GURAV PRATHMESH GANPATI					
37	HARGUDE SAKSHI SHARAD					
38	HULLE ABHIJIT PADAPPA					
39	INGALE ASHWINI RAMESH					
	Total no. of absent Students	02	02	03		03
	Name of Supervisor	P.R.Patil	J.T.Patil	SJC		P.R.Patil
	Supervisor Sign					

DR J.J. MAGDUM COLLEGE OF ENGINEERING

T.Y. Attendance Sheet CIE-II (Sem-II 2022-23)

Roll No.	Name of Student	CC	IS	IT	OS-II	CS
40	[illegible]					
41	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
42	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
43	[illegible]					
44	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
45	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
46	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
47	[illegible] SANJAY	[signature]	[signature]	[signature]	[signature]	[signature]
48	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
49	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
50	[illegible] KUMAR	[signature]	[signature]	[signature]	[signature]	[signature]
51	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
52	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
53	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
54	[illegible] SADASHIV	[signature]	[signature]	[signature]	[signature]	[signature]
55	[illegible] VILAS	[signature]	[signature]	[signature]	[signature]	[signature]
56	[illegible]	Ab	Ab	-	AB	
57	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
58	[illegible] MAHADEV	[signature]	[signature]	[signature]	[signature]	[signature]
59	PATIL [illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
60	PATIL [illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
61	PATIL [illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
62	PATIL [illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
63	PATIL [illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
64	PATIL [illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
65	PATIL [illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
66	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
67	[illegible]	[signature]	[signature]	[signature]	Ab	[signature]
68	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
69	[illegible] RAJESH	[signature]	[signature]	[signature]	[signature]	[signature]
70	[illegible] SHRIHARI	[signature]	[signature]	[signature]	[signature]	[signature]
71	SHAIKH AFTAB [illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
72	[illegible] VAIBHAV [illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
73	YADAV RUCHITA BHARAT	[signature]	[signature]	[signature]	[signature]	[signature]
74	[illegible] PARSHURAM	[signature]	[signature]	[signature]	[signature]	[signature]
75	[illegible]	[signature]	[signature]	[signature]	[signature]	[signature]
76	PATIL [illegible]	Ab	Ab		AB	AB
77	[illegible]	Ab	Ab		AB	AB
	Total no. of absent Students	03	02			
	Name of Supervisor	A.G.C.	PRP		RPD	JTP
	Supervisor Sign	[signature]	[signature]		[signature]	[signature]

43 [illegible] (TYETC)

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology

SY Attendance Sheet CIE-II (sem-II 2022-23)

Roll No	Name	CN	COA	DS	TQC	SE
1	ATIGRE PRATHAM UMAJI					
2	BHOSALE RAJVARDHAN VIJAY	Ab	Ab	Ab	Ab	Ab
3	BHOSALE SAHIL ARVIND					
4	CHAVAN AKSHAY DAYANAND					
5	CHIKHALKAR SHRIHARI SANDIP					
6	CHOUGALE KETAN BABASO					
7	CHOUGULE AJAY SHIVAJI					
8	DALAVI SWAPNIL ANANDA					
9	*DESAI SALONI DILIP					
10	DESHMANE SHREYASH SHRIKANT					
11	DIVATE ATHARV ASHOK					
12	*DOMANE SAKSHI YUVARAJ					
13	DUDHAL VIJAY SUNIL					
14	*FAKIR MUSKAN MAKBUL					
15	*GAIKWAD KALYANI AMOL					
16	GAIKWAD SHREYASH SANTOSH					
17	GAVHANE ARYAN VIKAS					
18	GUJAR SHREYASH ANAND					
19	*GURAV SIDDHI DILIP					
20	*HONGEKAR ANJALI NANDKUMAR					
21	HULWAN SHANTANU JAYDEEP					
22	*INDALKAR ANTARI SHIVAJI		Ab	Ab		
23	INGOLE RAVIRAJ NAMDEO					
24	JADHAV SANKET SHIVAJI					
25	JADHAV SHIVAM SANJAY					
26	JARAG DNYANESHWAR SAMPAT					
27	KAJI SAHIL SHABBIR					
28	KALEL AVISHKAR BHARAT					
29	KAMBLE ADITYA RAJU	Ab	Ab	Ab	Ab	Ab
30	KATKAR AYUSH EKNATH					
31	KHADE PRATIK TANAJI					
32	*KHALATE SAMIDHA PRAMOD					
33	*KOLEKAR SAKSHI AJIT					
34	KUNDEKAR BHARAT UTTAM					
35	LANJEWAR PALASH NAGSEN			Ab		
36	*LAYKAR AMRUTA					
37	MAGDUM ABHISHEK SHANKAR					
38	*MANE AVANTIKA AJAY					
39	*MANE GOURI GANESH					
	Total no. of absent Students	02	00	01	02	02
	Name of Supervisor	Prof P.P.Patil	S.S.Patil	SY	P.P.Patil	A.S.Patil
	Supervisor Sign					

Name of Supervisor

Supervisor Sign

Dr.J.J.Magdum Trust's

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology Engineering

Continuous Internal Evaluation - II

Class: BTech Year: 2022-23 Sem: II Subject: Software Testing

Date: 12/05/2023 Time: 02.15 pm to 03.15 pm Max Marks: 30

1	**Solve following MCQs (1 Mark Each)**	CO
i.	Software tester should be involved very early during development phase of a project. a. True b. False	2
ii.	Which of below is not types of product metrics are _____. a. process b. project c. progress d. productivity	3
iii.	Size and Complexity are a part of a. Product Metrics b. Process Metrics c Project Metrics d. None of the above	3
iv.	The test levels are performed in which of the following order? a. Unit, Integration, System, Acceptance b. It is based on the nature of the project c. Unit, Integration, Acceptance, System d. Unit, System, Integration, Acceptance	2
v.	Boundary value analysis is a test design technique that complements ..... a.Condition testing b. Graph-based testing c. Equivalence partitioning d. loop testing	1
vi.	In order to write black box test cases we need the _____ a.requirementdocument b.design c.projectplan d.All of above	1
2.	**Attempt any 3 (8 Marks Each)**	
	i. Explain the test case design strategies using the Black box approach to Test Case Design -Boundary value analysis	2
	ii. Explain the test case design strategies using the White lack box approach to Test Case Design- Coverage and control flow graphs	2
	iii. What are the skills needed for automation?	5
	iv. Explain different types of Metrics. Explain any 1 in details	3

Dr. J.J. Magdum College of Engineering, Jaysingpur.

Information Technology Department

ContinuousInternal Evaluation (CIE) No.: 02

MARK SHEET

Class: SY (IT) Sem.: II Year: 2022-23

Subject: Computer Organization and Architecture Date of Exam:/0/2023

Roll No.	Q. 1 Marks	Q. 2 Marks				Total Marks (Out of 30)
	6	1	2	3	4	
	CO1-CO2	CO1	CO1	CO2	CO2	
01	05	-	06	05	-	16
02	-	-	-	-	-	-
03	6	5	4	-	-	15
04	6	5	6	-	-	17
05	6	6	6	-	-	18
06	6	6	6	-	-	18
07	4	7	-	-	6	17
08	4	7	-	3	5	19
09	4	7	7	-	6	24
10	4	-	7	7	1	19
11	4	-	5	-	-	9
12	4	5	5	6	7	22
13	4	-	7	7	-	18
14	5	7	7	-	3	22
15	5	7	-	7	-	19
16	5	-	6	6	-	17
17	4	5	5	6	-	20
18	5	5	5	4	-	19
19	3	7	7	-	3	20
20	3	-	7	6	-	16
21	3	-	5	6	-	14
22	-	-	-	-	-	-
23	3	-	7	6	-	16
24	3	-	5	6	4	18
25	3	-	6	-	-	9
26	5	-	6	5	5	21
27	4	-	6	6	4	20
28	5	-	7	7	4	23
29	-	-	-	-	-	-
30	5	-	6	3	4	18
31	3	-	3	-	-	6
32	5	4	5	3	5	19
33	4	7	7	7	6	25
34	3	4	6	-	7	20
35	3	4	5	5	-	17
36	3	-	7	7	-	17
37	4	6	-	-	-	10
38	4	-	7	7	7	25

39	5	1	7	7	-	20
40	5	-	7	-	-	12
41	5	-	3	7	-	15
42	2	-	7	7	7	23
43	2	3	7	1	-	13
44	1	-	7	2	7	17
45	2	5	6	5	-	18
46	1	5	6	4	-	16
47	2	7	7	7	-	23
48	1	-	2	-	-	3
49	3	7	6	7	-	23
50	3	3	5	5	-	16
51	4	-	1	6	-	11
52	4	-	7	-	2	13
53	4	3	6	-	6	19
54	4	-	2	7	7	20
55	2	-	6	6	-	14
56	1	7	6	2	-	16
57	-	7	7	7	-	21
58	-	-	-	-	-	-
59	2	-	7	7	7	23
60	4	7	-	7	7	25
61	3	7	7	-	-	24
62	3	-	-	3	-	6
63	3	7	7	7	-	24
64	3	-	6	-	5	14
65	-	-	-	-	-	-
66	3	4	5	5	-	14
67	3	7	7	7	-	24
68	4	-	5	5	4	18
69	4	-	5	7	7	23
70	3	-	7	-	-	10
71	3	1	7	3	-	14

Name of Faculty: Mr. S. J. Chougule Signature of Faculty: SChougule

Total Students Appeared: 66 Total Students Passed: 62 Total Students Failed: 04

Passing Percentage: Failure Percentage:

Absent - 05
present - 66

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J.J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Information Technology

Document

CIE-II Result Analysis

Class: SY IT

Continuous Internal Evaluation-II (CIE-II) - Result Analysis (Year- 2022-23 SEM-II)

Date: 20/05/2023

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Computer Network	71	68	61	90%	07	Prof. P. R. Desai	Remedial classes will be arranged for failed students
2	Computer Organization and Architecture	71	66	62	92.17%	04	Prof. S. J. Chougule	Remedial classes will be arranged for failed students
3	Data Structures	71	68	62	91.17%	06	Prof. R. A. Bharatiya	Remedial classes will be arranged for failed students
4	Theory of computation	71	68	55	80.88%	13	Prof A. S. Patil	Remedial classes will be arranged for failed students
5	Software Engineering	71	68	62	91.17%	06	Prof. P. A.Tamgave	Remedial classes will be arranged for failed students

Prof. P. A. Tamgave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Dr. J.J. Magdum College of Engineering, Jaysingpur • I.T. Dept.

Prof. R. A. Bharatiya
H.O.D.

Class: TY IT

Date: 20/05/2023

Continuous Internal Evaluation-II (CIE-II) - Result Analysis (Year- 2022-23 SEM-II)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Computer Graphics	77	71	70	98.59%	01	Prof. A. G. Chendke	Remedial classes will be arranged for failed students
2	Information Security	77	71	70	98.61%	01	Prof. P. A. Tamgave	Remedial classes will be arranged for failed students
3	Internet Technology	77	72	71	98.61%	01	Prof. J. T. Patil	Remedial classes will be arranged for failed student
4	Open Elective: Cyber Security	77	71	70	98.59%	01	Prof. A. S. Patil	Remedial classes will be arranged for failed students
5	Operating System-II	77	67	58	80.55	09	Prof. S. B. Holkar	Remedial classes will be arranged for failed students

Prof. P. A. Tamgave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Dr. J.J. Magdum College of Engineering, Jaysingpur
I.T. Dept.

Prof. R. A. Bharatiya
H.O.D

Date: 20/05/202

Class: BTech IT

Continuous Internal Evaluation-II (CIE-II) - Result Analysis (Year- 2022-23 SEM-II)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Machine Learning	69	62	53	86%	09	Prof. P. R. Desai	Remedial classes will be arranged for failed students
2	Cloud Computing	69	63	35	55.55%	28	Prof. J.T. Patil Prof.P.R.Patil	Remedial classes will be arranged for failed students
3	Ele-II- Business Intelligence	69	67	63	94.01%	04	Prof. S. B. Holkar	Remedial classes will be arranged for failed students
4	Ele-III-Software Testing	69	59	34	59.62%	25	Prof. A.G. Chendke	Remedial classes will be arranged for failed students

Prof. P. A. Tarngave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Dr. J. J. Magdum College of Engineering, Jaysingpur
I.T. Dept.

Prof. R. A. Bharatiya
HOD

COLLEGE OF ENGINEERING

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Information Technology

Departmental Exam Cell

Date: 2nd March 2023

Notice

All the students of SY, TY and Final Year IT department are hereby informed that **Continuous Internal Evaluation – I of Sem-II (30 Marks)** each paper is scheduled from 09th to 10th March 2023.

IMPORTANT NOTE :
For Students (SY, TY& Final Year)

1. Attendance for Test Exam is compulsory.
2. Each Subject carries **30 marks.**
3. Exam will be of **MCQ** and **Subjective Type.**
4. There will be separate passing in class internal exam (class test) and End Semester Examination (University Exam) i.e. you should require minimum 12marks in class internal Exam and 28 marks in End Semester Examination.
5. Retest will not be conducted
6. Exam will be conducted in **offline mode.**
7. Duration of exam will be of 1 hour.
8. Average of CIE-1 and CIE-2will be considered for end semester exam.

Kindly note the same.

Prof. P. A. Tamgave
Exam In charge

Prof. J. T. Patil
Academic Co-ordinator

Prof.R.A.Bharatiya
HOD-IT

Dr. J.J. Magdum College of Engineering, Jaysingpur
I.T. Dept.

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Information Technology

Departmental Exam Cell

Date: 2nd March 2023

Notice

All the faculty members of IT department are hereby informed that **Continuous Internal Evaluation – I(2022-23 sem-II) for SY, TY & B.Tech students** of **30 Marks** each paper is scheduled from 09th to 10th March 2023. All the faculty members should submit the question paper upto 5th March 2023.

Submit the paper on email id: pranoti.tamgave@jjmcoe.ac.in

Kindly note the same.

Important Note:

1. Each Subject carries **30 marks.**
2. Test will be of **MCQs and Subjective Type.**
3. **6 MCQs of 1 marks each and remaining 24 marks are for Subjective**
4. Exam will be conducted in **offline mode.**
5. Duration of exam will be of 1 hour.
6. Retest will not be conducted.

Syllabus:

1) SY: As per subject incharge

2) TY: As per subject incharge.

3) Final Year: As per subject incharge.

Prof. P. A. Tamgave
Exam In charge

Prof. J. T. Patil
Academic Co-ordinator

Dr. J.J. Magdum College of Engineering, Jaysingpur I.T. Dept.

Prof. R. A. Bharatiya
HOD-IT

Dr. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology

CONTINUOUS INTERNAL EVALUATION: I

TIME TABLE

Class:SY-IT SEM-II

Year: - 2022-23

Sr.No.	Date	Time	Subject
01	09/03/2023	10.00 am-11.00 am	CN
02	09/03/2023	12.30 pm-1.30 pm	COA
03	09/03/2023	3.30 pm-4.30 pm	DS
04	10/03/2023	10.00 am-11.00 am	TOC
05	10/03/2023	12.30 pm-1.30 pm	SE

Class:TY-IT SEM-II

Year: - 2022-23

Sr.No.	Date	Time	Subject
01	09/03/2023	10.00 am-11.00 am	CG
02	09/03/2023	12.30 pm-1.30 pm	IS
03	09/03/2023	3.30 pm-4.30 pm	IT
04	10/03/2023	10.00 am-11.00 am	CS(OPEN ELECTIVE)
05	10/03/2023	12.30 pm-1.30 pm	OS-II

Class:B.Tech SEM-II

Year: - 2022-23

Sr.No.	Date	Time	Subject
01	09/03/2023	11.15 am-12.15 pm	ML
02	09/03/2023	2.15 pm-3.15 pm	CC
03	10/03/2023	11.15 am-12.15 pm	BI(ELECTIVE-I)
04	10/03/2023	2.15 pm-3.15 pm	ST(ELECTIVE-II)

Prof.P.A.Tamgave
Exam co-ordinator

Prof.J.T.Patil
Academic coordinator

Prof. R.A.Bharatiya
HOD IT

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology

Date: 02-03-2023

Supervision Schedule of Continuous Internal Evaluation –I

(SEM-II, 2022-23)

Following faculty members are informed to attend the supervision turns for Continuous Internal Evaluation –I.

Sr.No.	Date	Name of Supervisor	Time	Block	Sign
1	09/03/2023	Prof. P. R. Patil	10.00 am-11.00 am	201	
2		Prof. A. G. Chendke	10.00 am-11.00 am	207	
3		Prof. P. R. Desai	11.15 am-12.15 pm	201	
4		Prof. S. S. Solapure	11.15 am-12.15 pm	207	
5		Prof. P. R. Patil	12.30 pm-1.30 pm	201	
6		Prof. S. B. Holkar	12.30 pm-1.30 pm	207	
7		Prof. A. G. Chendke	2.15 pm-3.15 pm	201	
8		Prof. S. S. Solapure	2.15 pm-3.15 pm	207	
9		Prof. S. J. Chougule	3.30 pm-4.30 pm	201	
10		Prof. S. B. Holkar	3.30 pm-4.30 pm	207	
11	10/03/2023	Prof. S. J. Chougule	10.00 am-11.00 am	201	
12		Prof. P. R. Patil	10.00 am-11.00 am	207	
13		Prof. A. G. Chendke	11.15 am-12.15 pm	201	
14		Prof. S. B. Holkar	11.15 am-12.15 pm	207	
15		Prof. P. R. Desai	12.30 pm-1.30 pm	201	
16		Prof. S. S. Solapure	12.30 pm-1.30 pm	207	
17		Prof. S. J. Chougule	2.15 pm-3.15 pm	201	
18		Prof. P. R. Desai	2.15 pm-3.15 pm	207	

Prof.P.A.Tamgave
Exam co-ordinator

Prof.J.T.Patil
Academic coordinator

Prof. R.A.Bharatiya
HOD IT

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Information Technology

SY Attendance Sheet CIE-II (sem-II 2022-23)

Roll No	Name	CN	COA	DS	TOC	SE
1	ATIGRE PRATHAM UMAJI					
2	BHOSALE RAJVARDHAN VIJAY					
3	BHOSALE SAHIL ARVIND					
4	CHAVAN AKSHAY DAYANAND					
5	CHIKHALKAR SHRIHARI SANDIP					
6	CHOUGALE KETAN BABASO					
7	CHOUGULE AJAY SHIVAJI					
8	DALAVI SWAPNIL ANANDA					
9	*DESAI SALONI DILIP					
10	DESHMANE SHREYASH					
11	DIVATE ATHARV ASHOK					
12	*DOMANE SAKSHI YUVARAJ					
13	DUDHAL VIJAY SUNIL					
14	*FAKIR MUSKAN MAKBUL					
15	*GAIKWAD KALYANI AMOL					
16	GAIKWAD SHREYASH SANTOSH					
17	GAVHANE ARYAN VIKAS					
18	GUJAR SHREYASH ANAND					
19	*GURAV SIDDHI DILIP					
20	*HONGEKAR ANJALI					
21	HULWAN SHANTANU JAYDEEP					
22	*INDALKAR ANTARI SHIVAJI					
23	INGOLE RAVIRAJ NAMDEO					
24	JADHAV SANKET SHIVAJI					
25	JADHAV SHIVAM SANJAY					
26	JARAG DNYANESHWAR SAMPAT					
27	KAJI SAHIL SHABBIR					
28	KALEL AVISHKAR BHARAT					
29	KAMBLE ADITYA RAJU					
30	KATKAR AYUSH EKNATH					
31	KHADE PRATIK TANAJI					
32	*KHALATE SAMIDHA PRAMOD					
33	*KOLEKAR SAKSHI AJIT					
34	KUNDEKAR BHARAT UTTAM					
35	LANJEWAR PALASH NAGSEN					
36	*LAYKAR AMRUTA					
37	MAGDUM ABHISHEK SHANKAR					
38	*MANE AVANTIKA AJAY					
39	*MANE GOURI GANESH					
	Total no. of absent Students					
	Name of Supervisor					
	Supervisor Sign					

SY Attendance Sheet CIE-II(sem-II 2022-23)

Roll No	Name	CN	COA	DS	TOC	SE
40	MANE KIRAN VILAS	Kiran	Kiran	Kiran	Kiran	Kiran
41	*MANE PRERANA ASHOK					
42	*MANE SHREYA DINKAR					
43	MANE UTKARSH DILIP					
44	MOHITE SUYOG SUNIL					
45	NIKAM MAHADEV PANDURANG					
46	NILKANTH ANSHUL UMESH					
47	*PATHAN SHAHIN HAKEEMASAB					
48	PATIL ADITYA RAVSAHEB					
49	*PATIL ARJU ASHOK					
50	PATIL AVINASH PANDURANG					
51	PATIL JINENDRA RAVINDRA					
52	PATIL MAHESH CHANDRAKANT					
53	*PATIL SAMARTHA AJIT					
54	PATIL SAMMED GUNDHAR					
55	PATIL SAMMED SHANTINATH					
56	PATIL SAMRUDDH DATTATRAY					
57	*PATIL SANIKA UTTAM					
58	*PAWAR SHRADDHA TANAJI				-AB-	-AB-
59	*PHALLE ASMITA RAMESH					
60	*POWAR PALLAVI TANAJI					
61	RAUT PRATHAMESH PRASHANT					
62	SANADI SOHEL SALIM				-AB-	-AB-
63	*SANGALE AISHWARYA					
64	*SHAIKH AYESHASIDDIQA					
65	SHINDE OMKAR MADHUKAR					
66	SHINDE PRATHMESH RAVINDRA					
67	*SHINDE VAISHNAVI SANJAY					
68	THORAT RAJVARDHAN					
69	*VASUDEV PRADNYA SUNIL					
70	*WANKAR MUSKAN AMIR					
71	YADAV SWARUP MAHADEV					
	Total no. of absent Students	00	00	00	02	02
	Name of Supervisor	A.G.Chanda	P.R.Patil	V.S.Patil	P.R.Patil	P.A.Jagdale
	Supervisor Sign					

T.Y. Attendance Sheet CIE-I (sem-II 2022-23)

ROLL NO	NAME OF STUDENT	CG	IS	IT	OS-II	CS
40	JADHAV SHIVAM RAMCHANDRA					
41	KADAM PREETI JALINDAR					
42	KAMBLE HARSHVARDHAN JAYKUMAR					
43	KAMBLE HRUSHIKESH DEEPAK					
44	KHANAJ NEHA ULHAS					
45	KORE SAKSHI MOHAN					
46	KOTHARI SHRAYSH NILESH					
47	KUMBHAR SANKET SANJAY					
48	LAD VAISHNAVI VISHWAS					
49	LOHAR ANURADHA MARUTI					
50	MAGDUM RUSHIKESH JAYKUMAR					
51	MAKANDAR AJEEM ANISKHAN					
52	MANE PRATIKSHA PRAVIN					
53	METHE SONAL VIJAY					
54	MHETRE VINAYAK SADASHIV					
55	MOHITE SAINATH VILAS					
56	MORE ABHIJEET VENKATRAO					
57	PAKHARE SWAPNIL ANIL					
58	PARIT PRADEEP MAHADEV					
59	PATIL ADITYA					
60	PATIL POURNIMA PANDURANG					
61	PATIL SAKSHI RAJENDRA					
62	PATIL SAKSHI SANJAY					
63	PATIL SAYALI RAJARAM					
64	PATIL SNEHA GANPATI					
65	PATIL SUBHOD RAVINDRA					
66	PETHKAR RUSHABH MANISH					
67	PETHKAR SOURABH GIRISH					
68	PISE GOURI ARUN					
69	PUJARI SHUBHANGI RAJESH					
70	SAVAIKAR SAMRUDDHI SHRIHARI					
71	SHAIKH AFTAB FIROJKHAN					
72	TODKAR VAIBHAV DEVBA					
73	YADAV RUCHITA BHARAT					
74	YALGUDRE ANIRUDDHA PARSHURAM					
75	AINAPURE RAJKUMAR					
76	PATIL RUSHABH					
77	KAMBLE YOGESH					
	Total no. of absent Students	03	03	03	03	03
	Name of Supervisor	AG Chendke	Prof. P.R.Patil	V.S.Patil	P.A.Bag	P.R.Patil
	Supervisor Sign					

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Information Technology
T.Y. Attendance Sheet CIE-I (sem-II 2022-23)

ROLL NO	NAME OF STUDENT	CG	IS	IT	~~OS-II~~ C.S	OS-II
1	BHUSNAR SANGRAMSINH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	DANDAVATE BHUSHAN SADASHIV	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan
3	DESAI SHUBHAM BHIMGONDA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	GAIKWAD VAIBHAVI VINOD	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad
5	JAMBHALE AVANTIKA JANARDAN	Jambhale	Jambhale	Jambhale	Jambhale	Jambhale
6	KALE AISHWARYA SUBHASH	A.Kale	A.Kale	A.Kale	A.Kale	A.Kale
7	KAMBLE PURUSHOTTAM SANJAY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	KASAR SWACCHAND SAMBHAJI	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	KHEDEKAR SUDIKSHA GAJANAN	Khedekar	Khedekar	Khedekar	Khedekar	Khedekar
10	KHOT SHWETA DHANANJAY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	KOLAPE YASHODA TUKARAM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	MANKAR MANALI RAJENDRA	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	PATIL PRATIKSHA CHANDRAKANT	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	PATIL SARVESH AVINASH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	PINJARI OMKAR DAGADU	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	POWAR SUYOG SHIVAJI	ssp	ssp	ssp	ssp	ssp
17	SALUNKHE SHITAL SANJAY	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	SANT MAYURI DEVANAND	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	SATAPE PRATIKSHA BALASO	PSatape	PSatape	PSatape	PSatape	PSatape
20	VHANKHANDE PRAJAKTA RAMESH	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	SUTAR SWALIHA INYATULLA	Sutar	Sutar	Sutar	Sutar	Sutar
22	SHINDE VARAD SUDARSHAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	YEWATE GANESH GOVIND	G.wate	G.wate	G.wate	G.wate	G.wate
24	ABRANGE SWAPNIL KIRAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	AITWADE PRATHMESH PRADEEP	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	BANDI ANA RAJU	Ana	Ana	Ana	Ana	Ana
27	BANSODE ANJALI PRAKASH	Anjali	Anjali	Anjali	Anjali	Anjali
28	BIRNALE KIRTIKUMAR ASHOK	Birnale	Birnale	Birnale	Birnale	Birnale
29	CHAVAN AISHWARYA VILAS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	CHOUDHARI SIDDHANT SACHIN	Siddhant	Siddhant	Siddhant	Siddhant	Siddhant
31	CHOUGULE ANAND DILIP	Anand	Anand	Anand	Anand	Anand
~~32~~	~~DHAKANE JYOTI SUDHAKAR~~	AB	AB		AB	AB
33	DHAVALE OM	Ohavale	Ohavale	Ohavale	Ohavale	Ohavale
34	DHOKALE AJAY DHANANJAY	Ajay D.D.	Ajay D.D.	Ajay D.D.	Ajay D.D.	Ajay D.D.
35	FASE SAMRUDDHI DEVIDAS	Sdfase	Sdfase	Sdfase	Sdfase	Sdfase
36	GURAV PRATHMESH GANPATI	PGurav	PGurav	PGurav	PGurav	PGurav
37	HARGUDE SAKSHI SHARAD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
38	HULLE ABHIJIT PADAPPA	Abhi	Abhi	Abhi	Abhi	Abhi
39	INGALE ASHWINI RAMESH	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
	Total no. of absent Students	01	01		01	01
	Name of Supervisor	PRD	VSP		SJC	AGC
	Supervisor Sign	[illegible]	[illegible]		[illegible]	[illegible]

43 Aditya · Kulkarni

...Magdum College of Engineering, Jaysingpur.

Department of Information Technology

Attendance Sheet CIE-I (sem-II 2022-23)

Roll No.	Name of Student	ML	CC	BI(EL-II)	ST(EL-III)	Reexam ML
1	GAWAS AASHWINI RAGHOBA	[signature]	[signature]	[signature]	[signature]	
2	KAMBLE SIYANG PRAFULLA	[signature]	[signature]	[signature]	[signature]	
3	MITHARE AKASH SURESH			[signature]	[signature]	[signature]
4	NARDEKAR SURAJ JAYKUMAR	[signature]	[signature]	[signature]	[signature]	[signature]
5	JAMADADE SHREYA ANIL	[signature]	[signature]	[signature]	[signature]	
6	MANGLEKAR RUTUJA PRAKASH	[signature]	[signature]	[signature]	[signature]	
7	MOHITE SAMRUDDHI SURESH	[signature]	[signature]	[signature]	[signature]	
8	NIMBALKAR AISHWARYA PRAKASH	[signature]	[signature]	[signature]	[signature]	
9	HIREMATH ADITYA NANDIKESHWAR	[signature]	[signature]	[signature]	[signature]	
10	JARE PRASHANT LAXMAN	[signature]	[signature]	[signature]	[signature]	
11	KUMBHAR OMKAR BAJIRAO	[signature]	[signature]	[signature]	[signature]	
12	ALLAHBAKSH Raashid M.	[signature]	[signature]	[signature]		
13	PATIL ROHIT LAXMAN	[signature]	[signature]	[signature]	[signature]	
14	KAMBLE ATISH VIJAY	[signature]	[signature]	[signature]	[signature]	
15	KHARE SURAJ RAVINDRA	[signature]	[signature]	[signature]	[signature]	
16	MAHAMUNI SHREYAS SATISH	[signature]	[signature]	[signature]	[signature]	
17	MULLA HAIDARALI TAJUDDIN	[signature]	[signature]	[signature]	[signature]	
18	PAWAR ASHLESHA MADHUKAR	[signature]	[signature]	[signature]	[signature]	
19	POTDAR DIPALI GAJANAN	[signature]		[signature]	[signature]	
20	RAJPUT GOURI ARUNSING	[signature]	[signature]	[signature]	[signature]	
21	WAGH POONAM PRABHAKAR	[signature]	[signature]	[signature]	[signature]	
22	BANDGAR SAVITA APPASO	[signature]	[signature]	[signature]	[signature]	
23	PATHAN MUSKAN ISAK	[signature]	[signature]	[signature]	[signature]	
24	PATIL DIVYARANI DATTATRAY	[signature]	[signature]	[signature]	[signature]	
25	RAWAL MANASI MAHESH					
26	GAVALI ANUSHKA ARUN	[signature]	[signature]	[signature]	[signature]	
27	KALE SHUBHAM DINESH	[signature]	[signature]	[signature]	[signature]	[signature]
28	PANDURANG Mhamulkar Saniya	[signature]	[signature]	[signature]	[signature]	
29	MORE ROHIT MARUTI	[signature]	[signature]	[signature]	[signature]	
30	BABAR YOGESHRI SHIVAJI	[signature]	[signature]	[signature]	[signature]	
31	KENJALE KEDAR DATTATRAY	[signature]	[signature]	[signature]	[signature]	[signature]
32	KHADE NAYAN NAVJEEVAN	[signature]	[signature]	[signature]	[signature]	
33	PATIL NIKITA BALKRISHNA		[signature]	[signature]	[signature]	
34	CHAVAN POOJA TULSIDAS	[signature]	[signature]	[signature]	[signature]	
35	DHOLE AKSHATA YUVRAJ	[signature]	[signature]	[signature]	[signature]	
36	JAMADADE VRUSHALI TANAJI	[signature]	[signature]	[signature]	[signature]	
37	MANE PRJAKTA SHIVAJI	[signature]	[signature]	[signature]	[signature]	
38	SHASHIKANT	[signature]	[signature]	[signature]	[signature]	
39	JADHAV SHREYA SHRIKANT	[signature]	[signature]	[signature]	[signature]	
	Total no. of absent Students	5	03			
	Name of Supervisor	Mrs. P.A. Basannawar				
	Supervisor Sign	[signature]	[signature]			

c. ML Reexam

B.Tech. Attendance Sheet CIE-I (sem-II 2022-23)

Roll No.	Name of Student	ML	CC	[illegible]	[illegible]
[illegible]	MAGDUM AKANKSHA SADASHIV				
[illegible]	MAGDUM ANKET SADASHIV				
[illegible]	JADHAV SHRAVAN ASHOK				
[illegible]	KANADE AMRUT ANANDA				
[illegible]	MANE SANDESH UTTAM				
[illegible]	SHELAKE ASIN ANANDA MOHAN				
[illegible]	GURAV PRANAV MAHADEV				
[illegible]	SANKPAL GOURANK PRASHANT				
[illegible]	PATIL PRANITA CHANDRAKANT				
[illegible]	PATIL PRAVIN BALASO				
[illegible]	HUKKERI SHRINATH RAJKUMAR				
[illegible]	KASAL ABHISHEKH SANJAY				
[illegible]	DESAI RAHUL SHIVAJI				
[illegible]	UPALATE SANKET SUDHAKAR				
[illegible]	MULLA AMAN [illegible]				
[illegible]	PATIL RUSHIKESH PRAKASH				
[illegible]	[illegible]				
[illegible]	SHINDE [illegible]				
[illegible]	PATIL SUSHANT YASHWANTRAO				
[illegible]	CHAVALE POOJA YASHWANTRAO				
[illegible]	JADHAV SNEHAL DATTATRAY				
[illegible]	SAWANT SUDHIR RAGHUNATH				
[illegible]	PATIL SAYESH SHEKHAR				
[illegible]	PATIL SHRIDHAR SURESH				
[illegible]	SHINDE GAURAV GIRISH				
[illegible]	SUTAR SWAPNIL SATISH				
[illegible]	BHOSALE OMKAR SHIVAJI				
[illegible]	REVANKAR PRATIK SACHIN				
[illegible]	SARNOBAT PRANAV KRUSHNAT				
[illegible]	SHAHAPURE SAHAJ RAJENDRA				
	Total present				
	Name of Supervisor				
	Supervisor Sign				

Dr. J.J. Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology

Continuous Internal Evaluation - I

Class: B. Tech | Subject: Machine Learning

Date: 09/03/2023 | Year: 2022-23 | Sem: II

Time: 11.15 am – 12.15 pm | Max Marks: 30

Q.1	Solve the following MCQs (1 Mark Each)	CO
i.	…….. is a row in the dataset. A. Target B. Feature C. An Instance D. Prediction	1
ii.	ML is a field of AI consisting of learning algorithms that? A. Improve their performance B. At executing some task C. Over time with experience D. All of the above	2
iii.	What is machine learning ? A. Machine learning is the science of getting computers to act without being explicitly programmed. B. Machine Learning is a Form of AI that Enables a System to Learn from Data. C. Both A and B D. None of the above	2
iv.	Application of Machine learning is _____. A. email filtering B. sentimental analysis C. face recognition D. All of the above	1
v.	_____ is the machine learning algorithms that can be used with labeled data. A. Regression algorithms B. Clustering algorithms C. Association algorithms D. All of the above	1
vi.	Machine Learning can automate many tasks, especially the ones that only humans can perform with their innate intelligence. A. True B. False	2

Dr. J.J. Magdum College of Engineering, Jaysingpur.

Information Technology Department

Continuous Internal Evaluation (CIE) No.: 01

MARK SHEET

Class: TY (IT) **Sem.: II** **Year: 2022-23**

Subject: Operating System - II

Date of Exam: 10/03/2023

Roll No.	Q. 1 Marks	Q. 2 Marks				Total Marks (Out of 30)
		1	2	3	4	
01	4	8	8	6	8	28
02	4	3	7	-	8	22
03	3	8	5	-	8	24
04	3	8	8	-	8	27
05	4	8	8	-	8	28
06	6	7	7	-	8	28
07	6	8	-	-	8	22
08	3	-	8	-	8	19
09	1	8	5	6	8	23
10	4	6	-	8	7	25
11	5	8	-	8	8	29
12	4	6	8	-	8	26
13	5	7	7	-	8	27
14	4	-	-	6	7	17
15	2	-	7	3	8	22
16	5	7	-	4	8	24
17	3	8	-	8	8	27
18	6	6	-	8	6	26
19	4	8	8	7	8	28
20	4	7	1	3	8	22
21	4	-	7	7	8	26
22	6	-	8	7	8	29
23	4	-	8	-	8	20
24	3	8	4	5	8	24
25	4	8	8	-	8	28
26	1	7	8	-	8	24
27	3	7	-	6	7	23
28	2	7	-	2	7	18
29	6	-	7	8	7	28
30	4	8	8	-	-	20
31	6	8	3	-	8	25
32	ABSENT					
33	3	8	6	-	3	20
34	2	7	-	3	8	20
35	3	8	-	7	7	25
36	4	-	-	6	8	18
37	6	7	-	8	8	29
38	4	-	6	7	7	24

39	3	-	6	7	8	24
40	2	3	3	4	7	16
41	3	7	8	-	8	26
42	ABSENT					
43	4	1	-	-	8	13
44	4	8	-	8	8	28
45	4	8	-	3	8	23
46	5	7	4	-	8	24
47	4	-	7	8	8	27
48	5	8	7	-	8	28
49	5	8	-	3	7	23
50	4	-	8	8	8	28
51	4	8	-	-	8	20
52	4	8	6	-	8	26
53	4	-	8	7	8	27
54	4	8	-	-	7	19
55	4	7	-	-	8	19
56	4	-	8	8	-	20
57	5	-	7	7	8	27
58	4	-	-	4	6	14
59	2	8	7	-	7	24
60	5	8	7	6	2	26
61	5	7	8	8	-	28
62	5	8	8	8	-	29
63	6	-	8	8	8	30
64	6	-	8	7	8	29
65	6	-	7	-	7	20
66	6	7	-	-	7	20
67	4	8	-	-	8	20
68	5	8	1	3	8	24
69	5	8	-	7	8	28
70	5	8	8	-	7	28
71	5	8	2	-	7	22
72	5	-	8	7	8	28
73	3	8	8	-	8	27
74	2	-	6	-	8	16
75	4	8	-	7	8	27
76	ABSENT					
77	ABSENT					

Name of Faculty: Prof.S.B.Holkar Signature of Faculty: S.B.Holkar

Total Students Appeared:73 Total Students Passed:73 Total Students Failed:0

Passing Percentage: 100% Failure Percentage:0%

Dr. J. J. Magdum College of Engineering, Jaysingpur I.T. Dept.

Date: 23/03/2023

Class: BE IT

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-II)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Machine Learning	69	66	62	93.93%	04	Prof. P. R. Desai	Remedial classes will be arranged for failed students
2	Cloud Computing	69				----	Prof. J.T. Patil Prof. P. R. Patil	----
3	Ele-II- Business Intelligence	69	67	63	94.01%	04	Prof. S. B. Holkar	Remedial classes will be arranged for failed students
4	Ele-III-Software Testing	69	66	64	96.96	02	Prof. A.G. Chendke	Remedial classes will be arranged for failed students

Prof. P. A. Tamgave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Prof. R. A. Bharatiya
H.O.D.

Date: 23/03/2023

Class: TY IT

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-II)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Computer Graphics	77	73	71	97.26	02	Prof. A.G. Chendke	Remedial classes will be arranged for failed students
2	Information Security	77	73	71	97.26	02	Prof. P. A. Tamgave	Remedial classes will be arranged for failed students
3	Internet Technology	77					Prof. J. T. Patil	
4	Open Elective: Cyber Security	77	74	73	98.64%	01	Dr. S. S. Solapure	Remedial classes will be arranged for failed students
5	Operating System-II	77	73	73	100%	00	Prof. S. B. Holkar	----

Prof. P. A. Tamgave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Dr. J. J. Magdum College of Engineering, Jaysingpur
I.T. Dept.

Prof. R. A. Bharatiya
H.O.D.

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

agdum College of Engineering, Jaysingp
Department of Information Technology

CIE-I Result Analysis

Class: SY IT

Date: 23/03/2023

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-II)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Computer Network	71	67	56	84%	11	Prof. P. R. Desai	Remedial classes will be arranged for failed students
2	Computer Organization and Architecture	71	69	68	98.55	01	Prof. S. J. Chougule	Remedial classes will be arranged for failed students
3	Data Structures	71					Prof. R. A. Bharatiya	
4	Theory of computation	71	67	51	76.11%	11	Prof. S. S. Solapure	Remedial classes will be arranged for failed students
5	Software Engineering	71	67	65	97.01%	02	Prof. P. A.Tamgave	Remedial classes will be arranged for failed students

Prof. P. A. Tamgave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Dr. J.J.Magdum College of Engineering, Jaysingpur
I.T. Dept.

Prof. R. A. Bharatiya
H.O.D.

DR. J.J.MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Information Technology

Departmental Exam Cell

Date: 22th November 2022

Notice

All the students of TY and Final Year IT department are hereby informed that **Continuous Internal Evaluation – II of Sem-I (30 Marks)** each paper is scheduled from 2nd to 3rd December 2022.

IMPORTANT NOTE :
For Students (TY& Final Year)

1. Attendance for Test Exam is compulsory.
2. Each Subject carries **30 marks.**
3. Exam will be of **MCQ** and **Subjective Type.**
4. There will be separate passing in class internal exam (class test) and End Semester Examination (University Exam) i.e. you should require minimum 12marks in class internal Exam and 28 marks in End Semester Examination.
5. Retest will not be conducted
6. Exam will be conducted in **offline mode.**
7. Duration of exam will be of 1 hour.
8. Average of CIE-1and CIE-2 will be considered for end semester exam.

Kindly note the same.

Prof. P. A. Tamgave
Exam In charge

Prof. J. T. Patil
Academic Co-ordinator

Prof.R.A.Sanadi
HOD-IT

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Information Technology

Departmental Exam Cell

Date: 22th November2022

Notice

All the faculty members of IT department are hereby informed that **Continuous Internal Evaluation – II (2022-23 sem-1) for TY & B.Tech students of 30 Marks** each paper is scheduled from 2nd to 3rd December 2022. All the faculty members should submit the question paper upto **26th November 2022.**

Submit the paper on email id: pranoti.tamgave@jjmcoe.ac.in

Kindly note the same.

Important Note:

- Each Subject carries **30 marks.**
- Test will be of **MCQs and Subjective Type.**
- **6 MCQs of 1 marks each and remaining 24 marks are for Subjective**
- Exam will be conducted in **offline mode.**
- Duration of exam will be of 1 hour.
- Retest will not be conducted.

Syllabus:

1) TY: As per subject incharge.

2) Final Year: As per subject incharge.

Prof. P. A. Tamgave	Prof. J. T. Patil	Prof. R. A. Sanadi
Exam In charge	Academic Co-ordinator	HOD-IT

Jaysingpur - 416101

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology

CONTINUOUS INTERNAL EVALUATION: II

TIME TABLE

Class:TY-IT SEM-I **Year: - 2022-23**

Sr.No.	Date	Time	Subject
01	02/12/2022	10.00 am-11.00 am	OS-I
02	02/12/2022	12.30 pm-1.30 pm	DB
03	02/12/2022	3.30 pm-4.30 pm	CA
04	03/12/2022	09.30 am-10.30 am	OPEN ELECTIVE
05	03/12/2022	12.30 pm-1.30 pm	SP

Class:B.Tech SEM-I **Year: - 2022-23**

Sr.No.	Date	Time	Subject
01	02/12/2022	11.15 am-12.15 pm	DC
02	02/12/2022	2.15 pm-3.15 pm	MC
03	03/12/2022	11.15 am-12.15 pm	ADS
04	03/12/2022	2.15 pm-3.15 pm	ELECTIVE

Prof.P.A.Tamgave
Exam co-ordinator

Prof.J.T.Patil
Academic coordinator

Prof. R.A.Sanadi
HOD IT

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Information Technology

T.Y. Attendance Sheet CIE-II (sem-I 2022-23)

ROLL NO	NAME OF STUDENT	OS-I	DB	CA	OPEN ELECTIVE	SP
1	BHUSNAR SANGRAMSINH					
2	DANDAVATE BHUSHAN SADASHIV	Bhushan	Bhushan	Bhushan	Bhushan	Bhushan
3	DESAI SHUBHAM BHIMGONDA					
4	GAIKWAD VAIBHAVI VINOD	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad
5	JAMBHALE AVANTIKA JANARDAN	Jambhale	Jambhale	Jambhale	Jambhale	Jambhale
6	KALE AISHWARYA SUBHASH	ASkale	ASkale	ASkale	ASkale	ASkale
7	KAMBLE PURUSHOTTAM SANJAY	Pkamble	Pkamble	Pkamble	Pkamble	Pkamble
8	KASAR SWACCHAND SAMBHAJI	Dkasar	Dkasar	Dkasar	Dkasar	Dkasar
9	KHEDEKAR SUDIKSHA GAJANAN	Skhedekar	Skhedekar	Skhedekar	Skhedekar	Skhedekar
10	KHOT SHWETA DHANANJAY	Skhot	Skhot	Skhot	Skhot	Skhot
11	KOLAPE YASHODA TUKARAM	Ykolapee	Ykolapee	Ykolapee	Ykolapee	Ykolapee
12	MANKAR MANALI RAJENDRA	Mmankar	Mmankar	Mmankar	Mmankar	Mmankar
13	PATIL PRATIKSHA CHANDRAKANT	Pchavan	Pchavan	Pchavan	Pchavan	Pchavan
14	PATIL SARVESH AVINASH	Spatil	Spatil	Spatil	Spatil	Spatil
15	PINJARI OMKAR DAGADU					
16	POWAR SUYOG SHIVAJI					
17	SALUNKHE SHITAL SANJAY					
18	SANT MAYURI DEVANAND					
19	SATAPE PRATIKSHA BALASO	PSatape	PSatape	PSatape	PSatape	PSatape
20	VHANKHANDE PRAJAKTA RAMESH					
21	SUTAR SWALIHA INYATULLA					
22	SHINDE VARAD SUDARSHAN					
23	YEWATE GANESH GOVIND	Gyewate	Gyewate	Gyewate	Gyewate	Gyewate
24	ABRANGE SWAPNIL KIRAN					
25	AJTWADE PRATHMESH PRADEEP					
26	BANDI ANA RAJU	Ana	Ana	Ana	Ana	Ana
27	BANSODE ANJALI PRAKASH	AYadv	AYadv	AYadv	AYadv	AYadv
28	BIRNALE KIRTIKUMAR ASHOK					
29	CHAVAN AISHWARYA VILAS				Ab	Ab
30	CHOUDHARI SIDDHANT SACHIN					
31	CHOUGULE ANAND DILIP					
32	DHAKANE JYOTI SUDHAKAR	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
33	DHAVALE OM	Dhavale	Dhavale	Dhavale	Dhavale	Dhavale
34	DHOKALE AJAY DHANANJAY					
35	FASE SAMRUDDHI DEVIDAS					
36	GURAV PRATHMESH GANPATI					
37	HARGUDE SAKSHI SHARAD					
38	HULLE ABHIJIT PADAPPA					
	Total no. of absent Students	00	00	00	01	01
	Name of Supervisor	AGC	PRD	PRP	PRP	PRD
	Supervisor Sign					

Dr. J.J.Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology Engineering

Continuous Internal Evaluation - II

Class: B.Tech **Year: 2022-23** **Sem: I** **Subject: Mobile Computing**

Date: 02/12/2022 **Time: 2.15 pm to 3.15 pm** **Max Marks: 30**

Q1	Solve following MCQs (1 Mark Each)		CO
i.	Which of the following usually stores all user-related data that is also relevant to GSM mobile systems? a. VLR b. HMR c. CMR d. SIM		3
ii.	In which one of the following codes with specific characteristics can be applied to the transmission? a. CDMA b. GPRS c. GSM d. All of the above		3
iii.	Which of the following uses wireless as the mode of communication for transferring or exchanging data between various mobiles over a short-range? a. Ad hoc computing b. Mobile computing c. Bluetooth technology d. None of the above		2
iv.	In which one of the following, the slow and fast hopping is used? a. GSM b. GPRS c. FHSS d. None of the above		3
v.	In the Cellular Network, on which of the following, the cell's shape depends? a. Political conditions b. Social Conditions c. Environment Condition d. None of the above		4
vi.	Which one of the following enables us to use the entire bandwidth simultaneously? a.TDMA b. CDMA c. FDMA d.All of the above		3
Q2	Attempt any 3 (8 Marks Each)		
	i.	Draw and explain GSM architecture and explain following entities in GSM network. 1. HLR 2. VLR 3. EIR 4. GMSC	2
	ii.	Write short note on: 1. FHSS 2. DSSS	3
	iii.	With diagram explain Infrastructure Network.	3
	iv.	Which are the advantages and disadvantages of Infra-red and Radio Transmission.	3

Dr. J.J. Magdum College of Engineering, Jaysingpur.

Information Technology Department

Continuous Internal Evaluation (CIE) No.: 02

MARK SHEET

Class: BTech (IT) **Sem.:** I **Year:** 2022-23

Subject: Mobile computing **Date of Exam:** 02/12/2022

Roll No.	Q. 1 Marks	Q. 2 Marks				Total Marks (Out of 20)
		1	2	3	4	
	CO2,CO3,CO4	CO2	CO3	CO3	CO3	
01	6	-	-	3	4	13
02	6	-	-	3	4	13
03	6	-	-	-	4	10
04	6	-	-	-	3	09
05	5	6	-	-	4	15
06	5	6	-	5	6	22
07	5	5	-	5	4	19
08	6	6	-	6	4	22
09	6	-	6	5	4	21
10	6	6	-	6	4	22
11	6	3	-	-	-	09
12	5	-	2	-	-	07
13	5	4	-	4	-	13
14	6	2	-	6	4	18
15	6	-	7	2	5	20
16	6	-	-	5	6	17
17	6	7	-	-	6	19
18	6	-	6	6	4	22
19	6	7	4	-	-	17
20	6	-	5	6	5	22
21	6	7	5	-	5	23
22	5	6	-	5	4	20
23	6	7	-	6	5	24
24	5	5	-	4	4	18
25	5	4	5	-	6	20
26	5	-	3	5	6	19
27	5	2	4	2	-	13
28	6	7	-	7	6	26
29	6	6	-	6	6	24
30	5	7	-	4	-	16
31	6	-	-	5	4	15
32	6	7	2	5	-	20
33	5	5	2	-	5	17
34	5	6	-	5	5	21
35	4	7	-	5	5	21
36	5	7	-	5	6	23
37				2	4	18

Dr. J. J. Magdum College of Engg. Jaysingpur
Department of Information Technology

Dr. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

38	5	7	-	6	4	22
39	4	7	-	6	2	19
40	6	7	-	-	5	18
41	6	-	-	6	4	16
42	5	7	-	2	5	19
43	6	7	-	5	4	22
44	6	6	-	-	4	16
45	5	7	7	6	-	25
46	6	6	-	2	-	14
47	4	-	-	5	4	13
48	6	7	-	3	-	16
49	6	6	-	6	4	22
50	6	5	-	4	5	20
51	6	6	-	4	2	18
52	6	7	-	-	3	16
53	6	7	-	7	3	18
54	6	2	-	6	7	21
55	6	6	4	6	-	22
56	-	-	-	-	-	AB
57	5	7	4	7	-	23
58	6	-	4	3	-	13
59	6	6	5	-	6	23
60	5	6	6	4	-	21
61	-	-	-	-	-	AB
62	6	-	5	1	-	12
63	6	-	6	6	6	24
64	6	-	5	3	5	19
65	5	-	4	5	3	17
66	5	7	-	3	6	21
67	5	7	-	3	6	21
68	5	-	4	4	5	18
69	5	-	4	4	5	18

Name of Faculty: Prof.A.G.Chendke

Signature of Faculty:

Total Students Appeared:67

Total Students Passed: 63

Total Students Failed: 04

Passing Percentage: 94.03

Failure Percentage: 5.97

Dr. J. J. Magdum Coll... Engg. J...
Department of
Information Technol...

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J.J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Information Technology

Document

CIE-II Result Analysis

Date: 07/12/20

Class: TY IT

Continuous Internal Evaluation-II (CIE-II) - Result Analysis (Year- 2022-23 SEM-I)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	**OS-I**	77	74	69	93.24%	05	Prof. S. B. Holkar	Remedial classes will be arranged for failed students
2	**DB**	77	74	73	98.64%	01	Prof. P.A. Tamgave	Remedial classes will be arranged for failed students
3	**CA**	77	74	70	94.59%	04	Prof. J. T. Patil	Remedial classes will be arranged for failed students
4	**HCI**	77	73	65	89.04	08	Prof. S.S. Solapure	Remedial classes will be arranged for failed students
5	**SP**	77	73	67	92%	06	Prof. P. R. Desai	Remedial classes will be arranged for failed students

Prof. P. A. Tamgave
Exam Co-ordinator

Dr. J. J. Magdum College of Engg. Jaysingpur
Department of Information Technology
Jaysingpur - 416101

Prof. J. T. Patil
Academic Co-ordinator

Prof. R. A. Sanadi
H.O.D.

Dr. J.J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Information Technology

Document

CIE-II Result Analysis

Class: BTECH IT

Date: 07/12/2022

Continuous Internal Evaluation-II (CIE-II) - Result Analysis (Year- 2022-23 SEM-I)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	DC	69	67	61	91%	06	Prof. P. A. Tamgave Prof. P. R. Patil	Remedial classes will be arranged for failed students
2	MC	69	67	63	94.03%	04	Prof. A. G. Chendke	Remedial classes will be arranged for failed students
3	ADS	69	66	58	87.87%	08	Prof. S. J. Chougule	Remedial classes will be arranged for failed student
4	DS	69	66	55	83.33%	11	Prof. S. J. Chougule	Remedial classes will be arranged for failed student

Prof. P. A. Tamgave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Prof. R. A. Sanadi
H.O.D

Dr. J. J. Magdum College of Engg. Jaysingpur
Department of Information Technology
Jaysingpur - 3101

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Information Technology

Departmental Exam Cell

Date: 6th October 2022

Notice

All the students of SY, TY and Final Year IT department are hereby informed that **Continuous Internal Evaluation – I of Sem-I (30 Marks)** each paper is scheduled from 14th to 15th October 2022.

IMPORTANT NOTE :
For Students (SY, TY& Final Year)

1. Attendance for Test Exam is compulsory.
2. Each Subject carries**30 marks.**
3. Exam will be of **MCQ** and **Subjective Type.**
4. There will be separate passing in class internal exam (class test) and End Semester Examination (University Exam) i.e. you should require minimum 12marks in class internal Exam and 28 marks in End Semester Examination.
5. Retest will not be conducted
6. Exam will be conducted in **offline mode.**
7. Duration of exam will be of 1 hour.
8. Average of CIE-1and CIE-2will be considered for end semester exam.

Kindly note the same.

Prof. P. A. Tamgave	Prof. J. T. Patil	Prof.R.A.Sanadi
Exam In charge	Academic Co-ordinator	HOD-IT

Dr. J. J. Magdum College of Engg. Jaysingpur
Department of Information Technology
Jaysingpur 416101

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR DEPARTMENT OF INFORMATION TECHNOLOGY

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Information Technology

Departmental Exam Cell

Date: 6th October 2022

Notice

All the faculty members of IT department are hereby informed that **Continuous Internal Evaluation – I(2022-23 sem-I) for SY, TY & B.Tech students of 30 Marks** each paper is scheduled from 14th to 15th October 2022. All the faculty members should submit the question paper upto 10th October 2022.

Submit the paper on email id: pranoti.tamgave@jjmcoe.ac.in

Kindly note the same.

Important Note:

1. Each Subject carries **30 marks.**
2. Test will be of **MCQs and Subjective Type.**
3. **6 MCQs of 1 marks each and remaining 24 marks are for Subjective**
4. Exam will be conducted in **offline mode.**
5. Duration of exam will be of 1 hour.
6. Retest will not be conducted.

Syllabus:

1) SY: As per subject incharge

2) TY: As per subject incharge.

3) Final Year: As per subject incharge.

Prof. P. A. Tamgave
Exam In charge

Prof. J. T. Patil
Academic Co-ordinator

Prof. R. A. Sanadi
HOD-IT

Dr. J. J. Magdum College of Engg. Jaysingpur
Department of Information Technology

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology

Date: 06-10-2022

Supervision Schedule of Continuous Internal Evaluation –I

(SEM-I, 2022-23)

Following faculty members are informed to attend the supervision turns for Continuous Internal Evaluation –I.

Sr.No.	Date	Name of Supervisor	Time	Block	Sign
1	14/10/2022	Prof. S. J. Chougule	09.30 am-10.30 am	206	
2		Prof. S. S. Solapure	09.30 am-10.30 am	207	
3		Prof. J. T. Patil	11.15 am-12.15 pm	206	
4		Prof. A. G. Chendke	11.15 am-12.15 pm	207	
5		Prof. P. R. Patil	12.30 pm-1.30 pm	206	
6		Prof. S. B. Holkar	12.30 pm-1.30 pm	207	
7		Prof. A. G. Chendke	2.15 pm-3.15 pm	206	
8		Prof. S. S. Solapure	2.15 pm-3.15 pm	207	
9		Prof. S. J. Chougule	3.30 pm-4.30 pm	206	
10		Prof. S. B. Holkar	3.30 pm-4.30 pm	207	
11	15/10/2022	Prof. S. J. Chougule	10.00 am-11.00 am	206	
12		Prof. P. R. Patil	10.00 am-11.00 am	207	
13		Prof. A. G. Chendke	11.15 am-12.15 pm	206	
14		Prof. S. B. Holkar	11.15 am-12.15 pm	207	
15		Prof. J. T. Patil	12.30 pm-1.30 pm	206	
16		Prof. S. S. Solapure	12.30 pm-1.30 pm	207	
17		Prof. P. R. Patil	2.15 pm-3.15 pm	206	
18		Prof. A. G. Chendke	2.15 pm-3.15 pm	207	

Prof.P.A.Tamgave
Exam co-ordinator

Prof.J.T.Patil
Academic coordinator

Prof. R.A.Sanadi
HOD IT

Dr. J. J. Magdum College of Engg. Jaysingpur
Department of Information Technology
Jaysingpur - 416101

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

SV Attendance Sheet CIE-I (sem-I 2022-23)

Roll No	Name	SFS	DSM	DC	FEM	DMS
39	Patil Mahesh Chandrakant	Mahesh	Mahesh	Mahesh	Mahesh	Mahesh
40	PatilSammedShantinath					
41	PatilSamruddhDattatray					
42	PatilSanikaUttam					
43	PawarShraddhaTanaji					
44	PowarPallaviTanaji	S.T.Pawar	S.T.Pawar	S.T.Pawar	S.T.Pawar	S.T.Pawar
45	RautPrathameshPrashant					
46	RautSitaramRajaram	Ab	Ab	Ab	Ab	Ab
47	SanadiSohelSalim					
48	SangaleAishwaryaPrakash					
49	ShaikhAyeshasiddiqaMehboob					
50	ShindeOmkarMadhukar					
51	ShindePrathmeshRavindra					
52	ShindeVaishnavi Sanjay					
53	ThoratRajvardhanDhanajirao					
54	WankarMuskan Amir					
55	YadavSwarupMahadev					
	Total no. of absent Students	1	1	1	1	01
	Name of Supervisor	Assistant Professor	S.B.Holkar	S.B.Holkar	P.R.Patil	A.G.C
	Supervisor Sign					

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Information Technology

T.Y. Attendance Sheet CIE-I (sem-I 2022-23)

ROLL NO	NAME OF STUDENT	OS-I	DB	CA	OPEN ELECTIVE	SP
1	BHUSNAR SANGRAMSINH					
2	DANDAVATE BHUSHAN SADASHIV					
3	DESAI SHUBHAM BHIMGONDA					
4	GAIKWAD VAIBHAVI VINOD					
5	JAMBHALE AVANTIKA JANARDAN					
6	KALE AISHWARYA SUBHASH					
7	KAMBLE PURUSHOTTAM SANJAY					
8	KASAR SWACCHAND SAMBHAJI					
9	KHEDEKAR SUDIKSHA GAJANAN					
10	KHOT SHWETA DHANANJAY					
11	KOLAPE YASHODA TUKARAM					
12	MANKAR MANALI RAJENDRA					
13	PATIL PRATIKSHA CHANDRAKANT					
14	PATIL SARVESH AVINASH					
15	PINJARI OMKAR DAGADU					
16	POWAR SUYOG SHIVAJI					
17	SALUNKHE SHITAL SANJAY					
18	SANT MAYURI DEVANAND					
19	SATAPE PRATIKSHA BALASO					
20	VHANKHANDE PRAJAKTA RAMESH					
21	SUTAR SWALIHA INYATULLA					
22	SHINDE VARAD SUDARSHAN					
23	YEWATE GANESH GOVIND					
24	ABRANGE SWAPNIL KIRAN					
25	AITWADE PRATHMESH PRADEEP					
26	BANDI ANA RAJU					
27	BANSODE ANJALI PRAKASH					
28	BIRNALE KIRTIKUMAR ASHOK					
29	CHAVAN AISHWARYA VILAS					
30	CHOUDHARI SIDDHANT SACHIN					
31	CHOUGULE ANAND DILIP					
32	DHAKANE JYOTI SUDHAKAR					
33	DHAVALE OM					
34	DHOKALE AJAY DHANANJAY					
35	FASE SAMRUDDHI DEVIDAS					
36	GURAV PRATHMESH GANPATI					
37	HARGUDE SAKSHI SHARAD					
38	HULLE ABHIJIT PADAPPA					
	Total no. of absent Students	0	—	0	00	0
	Name of Supervisor	SJC	PRP	SJC	AGC	SSalgare
	Supervisor Sign					

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Information Technology

Btech. Attendance Sheet CIE-I (sem-I 2022-23)

Roll No.	Name of Student	DC	MC	ADS	ELEC-II_DS
1	GAWAS AASHWINI RAGHOBA	[signature]	[signature]	[signature]	AB
2	KAMBLE SIYANG PRAFULLA	[signature]	[signature]	[signature]	[signature]
3	MITHARE AKASH SURESH	[signature]	[signature]	[signature]	[signature]
4	NARDEKAR SURAJ JAYKUMAR	[signature]	[signature]	[signature]	[signature]
5	JAMADADE SHREYA ANIL	[signature]	[signature]	[signature]	[signature]
6	MANGLEKAR RUTUJA PRAKASH	[signature]	[signature]	[signature]	[signature]
7	MOHITE SAMRUDDHI SURESH	[signature]	[signature]	[signature]	[signature]
8	NIMBALKAR AISHWARYA PRAKASH	[signature]	[signature]	[signature]	[signature]
9	HIREMATH ADITYA NANDIKESHWAR	AB	AB	AB	AB
10	JARE PRASHANT LAXMAN	[signature]	[signature]	[signature]	[signature]
11	KUMBHAR OMKAR BAJIRAO	[signature]	[signature]	[signature]	[signature]
12	ALLAHBAKSH Raashid	[signature]	[signature]	Ab	AB
13	PATIL ROHIT LAXMAN	[signature]	[signature]	[signature]	[signature]
14	KAMBLE ATISH VIJAY	AB	AB	Ab	Ab
15	KHARE SURAJ RAVINDRA	[signature]	[signature]	[signature]	[signature]
16	MAHAMUNI SHREYAS SATISH	[signature]	[signature]	[signature]	[signature]
17	MULLA HAIDARALI TAJUDDIN	[signature]	[signature]	[signature]	[signature]
18	PAWAR ASHLESHA MADHUKAR	[signature]	[signature]	[signature]	[signature]
19	POTDAR DIPALI GAJANAN	[signature]	[signature]	[signature]	[signature]
20	RAJPUT GOURI ARUNSING	[signature]	[signature]	[signature]	[signature]
21	WAGH POONAM PRABHAKAR	[signature]	[signature]	[signature]	[signature]
22	BANDGAR SAVITA APPASO	[signature]	[signature]	[signature]	[signature]
23	PATHAN MUSKAN ISAK	[signature]	[signature]	Ab	Ab
24	PATIL DIVYARANI DATTATRAY	AB	AB	Ab	Ab
25	RAWAL MANASI MAHESH	[signature]	[signature]	[signature]	[signature]
26	GAVALI ANUSHKA ARUN	[signature]	[signature]	[signature]	[signature]
27	KALE SHUBHAM DINESH	[signature]	[signature]	[signature]	[signature]
28	PANDURANG Saniya Mahamulkar	[signature]	[signature]	[signature]	[signature]
29	MORE ROHIT MARUTI	[signature]	[signature]	[signature]	[signature]
30	BABAR YOGESHRI SHIVAJI	[signature]	[signature]	[signature]	[signature]
31	KENJALE KEDAR DATTATRAY	[signature]	[signature]	[signature]	[signature]
32	KHADE NAYAN NAVJEEVAN	[signature]	[signature]	[signature]	[signature]
33	PATIL NIKITA BALKRISHNA	[signature]	[signature]	[signature]	[signature]
34	CHAVAN POOJA TULSIDAS	[signature]	[signature]	[signature]	[signature]
35	DHOLE AKSHATA YUVRAJ	[signature]	[signature]	[signature]	[signature]
36	JAMADADE VRUSHALI TANAJI	[signature]	[signature]	[signature]	[signature]
37	MANE PRJAKTA SHIVAJI	[signature]	[signature]	[signature]	[signature]
38	SHASHIKANT	[signature]	[signature]	[signature]	[signature]
	Total no. of absent Students	03	03	05	05
	Name of Supervisor	Prof. J. T. Patil		AGC	JTP
	Supervisor Sign	[signature]	S B Molkar [signature]	[signature]	[signature]

B.Tech. Attendance Sheet CIE-I (sem-I 2022-23)

Roll No.	Name of Student	DC	MC	ADS	ELEC-II_DS
39	JADHAV SHREYA SHRIKANT				
40	MAGDUM AKANKSHA SADASHIV				
41	MAGDUM ANIKET SADASHIV				
42	JADHAV SHRAVAN ASHOK				
43	KANADE AMRUT ANANDA				
44	MANE SANDESH UTTAM				
45	SHELAKE ASHWAGANDHA MOHAN				
46	GURAV PRAJWAL MAHADEV				
47	SANKPAL GOURANK PRASHANT				
48	PATIL PRAJAKTA CHANDRAKANT				
49	PATIL PRAVIN PRALHAD				
50	HUKKERI SHRINATH RAJKUMAR				
51	RASAL ABHISHEK SANJAY				
52	DESAI RAHUL SHIVAJI				
53	UPARATE SANKET SUDHAKAR				
54	MULLA AMAN RIYAJ				
55	PUJARI RUSHIKESH PRAKASH				
56	SHAIKH JUNED JAHANGIR				
57	SHIRDHONE CHIDANAND EKNATH				
58	PATIL SUSHANT VASABTRAO				
59	DHAVALE POOJA YASHWANTRAO				
60	JADHAV SNEHAL DATTATRAY				
61	SAVANT SUDHIR RAGHUNATH				
62	PATIL SAIESH SHEKHAR				
63	PATIL SHRIDHAR SURESH				
64	SHINTRE GOURAV GIRISH				
65	SUTAR SWAPNIL SATISH				
66	BHOSALE OMKAR SHIVAJI				
67	REVANNA PRATIK SACHIN				
68	SARNOBAT PRAJWAL KRUSHNAT				
69	SHAHAPURE RAJAT RAJENDRA				
	Total no of absent	1	1	2	02
	Name of Supervisor -		Ishapure	SB Holkar	A.G.C.
	Supervisor Sign				

Dr. J. J. Magdum College of Engineering, Jaysingpur.
Department of Information Technology

SY Attendance Sheet CIE-I (sem-I 2022-23)

Roll No	Name	SFS	DSM	DC	FEM	DMS
1	AtigreProthamUmaji					
2	ChavanAkshayDayanand					
3	Chougule Ajay Shivaji					
4	DalaviSwapnilAnanda					
5	Desai SaloniDilip					
6	DeshmaneShreyashShrikant					
7	DivateAtharv Ashok					
8	Fakir MuskanMakbul					
9	GaikwadKalyaniAmol					
10	Gavhane Aryan Vikas					
11	HulwanShantanuJaydeep					
12	ndalkarAntariShivaji					
13	ngoleRaviraj Namdeo					
14	JadhavSanketShivaji					
15	JadhavShivam Sanjay					
16	KalelAvishkar Bharat					
17	KambleAdityaRaju					
18	KatkarAyushEknath					
19	Khade Pratik Tanaji					
20	KhalateSamidhaPramod					
21	KolekarSakshiAjit					
22	Kundekar Bharat Uttam					
23	LanjewarPalashNagsen					
24	LaykarAmrutaChandrakant					
25	MagdumAbhishek Shankar					
26	Mali SejalSandip					
27	Mane Kiran Vilas					
28	Mane Prerana Ashok					
29	Mane UtkarshDilip					
30	MohiteSuyog Sunil					
31	Mulla Ayesha SiddikaTajuddin					
32	NikamMahadevPandurang					
33	NilkanthAnshulUmesh					
34	PathanShahinHakeemasab					
35	PatilAdityaRavsaheb					
36	PatilArju Ashok					
37	Patil Avinash Pandurang					
38	PatilJinendraRavindra					
	Total no. of absent Students	34	1	2	03	1
	Name of Supervisor	Ms. S. J.	(S J C	AGC	SSO	
	Supervisor Sign					

PRP

Dr. J.J.Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Information Technology Engineering

Continuous Internal Evaluation - I

Class: SY **Year: 2022-23** **Sem: I** **Subject: DSM**

Date: 14/10/2022 **Time: 12.30 pm to 1.30 pm** **Max Marks: 30**

	Solve following MCQs (1 Mark Each)	CO
1	Which number system has a base 16. a. Hexadecimal b. Octal c. Binar d. Decimal	I
2	What is a digital-to-analog converter? a. It stores digital data on the computer. b. b. It converts alternating current (AC) into direct current (DC). c. It converts electrical power into mechanical power. d. It takes the digital data from an audio CD and converts it to a useful form.	I
3	The following hexadecimal number (1E.43)16 is equivalent to a. $(36.506)_8$ b. $(36.206)_8$ c. $(35.506)_8$ d. $(35.206)_8$	I
4	How many entries will be in the truth table of a 3-input NAND gate? a. 6 b. 8 c. 32 d. 16	I
5	2's complement of 1011011 is, a. 0100011 b. 0110101 c. 0100011 d. 0100101	I
6	In Digital electronics (Boolean algebra), the OR operation is performed by which of the given properties a. Distributive properties c. Commutative properties b. Associative properties d. All of these	I
7.	**Attempt any 3 (8 Marks Each)**	
	1.Why NAND and NOR gates are called universal gates? Derive basic gates by using NOR gate.	I
	2. Explain- Commutative law, Associative law, Distributive law	I
	3. Explain the De'morgans theorem in ddetails.	I
	4. A] Perform the following decimal addition in the 8421 code- 679.6 + 536.8 B] Perform the following decimal subtraction in the 8421 code- 305.5 – 168.8	I

Dr. J.J. Magdum College of Engineering, Jaysingpur.

Information Technology Department

Continuous Internal Evaluation (CIE) No.: 01

MARK SHEET

Class: SY (IT) **Sem.:** I **Year:** 2022-23

Subject: DMS **Date of Exam:** 15/10/2022

Roll No.	Q. 1 Marks		Q. 2 Marks				Total Marks (Out of 30)
			1	2	3	4	
	Co1	Co2	co3	Co1	Co1	Co2	
01	2	2	7	4		6	21
02	4	2	7	1			14
03	1	3	0	0	0	0	4
04	4	2	8	7	8	4	29
05	4	2	8	7	8	6	29
06	4	2	8	7	8	3	29
07	4	2	8	8	8	8	30
08	4	2	8	6	8	8	30
09	3	3	6	6	8	8	28
10	3	3	6	8		5	22
11	3	1	8	8	8		28
12	4	2	4			8	18
13	4	2	6	4	8		24
14	4	2	8	6	8		28
15	4	2	8	6	8		28
16	1	3	8	6	8		26
17	0	3	6	7	8		24
18	1	2	8	7	8		26
19	0	3	6	3			12
20	2	3	3	6	8		22
21	3	2	8	7	8	8	29
22	3	2	8	8	8	8	29
23	3	2	8	7	8		28
24	1	2	6	3		3	15
25	3	2	8	4	8	6	28
26	AB						AB
27	3	2	3	0	0	3	11
28	3	1	0	1	0	6	11
29	4	2	6	6	8	6	26
30	3	2	8	8	8	4	29
31	AB						AB

32	1	2	1	0	0	0	4
33	3	2	8	4		7	24
34	AB						AB
35	0	0	2	3	4		9
36	4	2	8	6	8		28
37	1	2	8	3			1[illegible]
38	0	2	1	4			[illegible]
39	2	2	8	7		4	2[illegible]
40	2	2	8	6		7	2[illegible]
41	2	2	3	8	2		1[illegible]
42	3	2	8	6	8		2[illegible]
43	3	2	8	7	8		2[illegible]
44	3	2	8	8	8	8	2[illegible]
45	3	2	8	8	8	8	29
46	AB						AB
47	0	2	0	0	0	0	2
48	4	2	8	7	8		29
49	4	2	8		8	4	26
50	4	2	8	8	8		30
51	3	2	3		4	4	16
52	3	2	8	7	8		28
53	3	2	8	6	8		27
54	3	2	4	6	8		23
55	2	2	8	8	4		24

Name of Faculty: Mrs. S.S.SolapureSignature of Faculty: Solapure 1-11-22

Total Students Appeared: 51 Total Students Passed:44Total Students Failed: 7

Passing Percentage: 86.27% Failure Percentage: 13.72%

Dr. J.J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Information Technology

Document

CIE-1 Result Analysis

Class: SY IT

Date: 21/10/2022

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-I)

Sr. No.	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	SFS	55	51	47	92.15%	04	Dr. D. B. Unde	Remedial classes will be arranged for failed students
2	DSM	55	51	48	94.11%	03	Prof. A.G. Chendke	Remedial classes will be arranged for failed students
3	DC	55	51	51	100%	----	Prof. S. B. Holkar	----
4	FEM	55	51	18	35%	33	Prof. S. A. Nardekar	Remedial classes will be arranged for failed students
5	DMS	55	51	44	86.27%	7	Prof. S.S. Solapure	Remedial classes will be arranged for failed students

Prof. P. A. Tamgave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Dr. J. J. Magdum College of Engg. Jaysingpur
Department of Information Technology
Jaysingpur - 416101

Prof. R. A. Sanadi
H.O.D.

Dr. J.J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Information Technology

Document

CIE-I Result Analysis

Class: TY IT

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-I)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	OS-I	77	73	72	98.63%	1	Prof. S. B. Holkar	Remedial classes will be arranged for failed students
2	DB	77	73	72	98.63%	1	Prof. P.A. Tamgave	Remedial classes will be arranged for failed students
3	CA	77	73	73	100%	----	Prof. J. T. Patil	-----
4	HCI	77	73	64	87.67%	9	Prof. S.S. Solapure	Remedial classes will be arranged for failed students
5	SP	77	73	59	81%	19	Prof. S. A. Nardekar	Remedial classes will be arranged for failed students

Prof. P. A. Tamgave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Dr. J. J. Magdum College of Engg. Jaysingpur
Department of Information Technology

Prof. R. A. Sanadi
H.O.D.

Class: BTECH IT

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-I)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	DC	69	65	53	81.53%	12	Prof. P. A. Tamgave Prof. P. R. Patil	Remedial classes will be arranged for failed students
2	MC	69	65	62	95.38%	03	Prof. A. G. Chendke	Remedial classes will be arranged for failed students
3	ADS	69	62	60	96.77%	02	Prof. S. J. Chougule	Remedial classes will be arranged for failed student
4	DS	69	61	61	100%	----	Prof. S. J. Chougule	-----

Prof. P. A. Tamgave
Exam Co-ordinator

Prof. J. T. Patil
Academic Co-ordinator

Dr. J. J. Magdum College of Engg. Jaysingpur
Department of Information Technology
Jaysingpur - 416101

Prof. R. A. Sanadi
H.O.D

Dr. J. J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Master of Computer Application

DATE: 03/06/2023

Departmental Exam Cell

Notice

All the students of First Year, Semester I, MCA department are hereby informed that **Continuous Internal Evaluation - I for AY 2022-23 Semester II** of 30 Marks each paper is scheduled on **9th June 2023 and 10th June 2023.**

IMPORTANT NOTE:

1. Attendance of all students for the Test Exam is compulsory.
2. Each Subject carries 30 marks.
3. Exam will be of Subjective Type.
4. There will be separate passing in class internal exam (Class Test) and End Semester Examination (University Exam) i.e. you should require minimum 12 marks in class internal Exam and 28 marks in End Semester Examination.
5. Retest will not be conducted
6. Exam will be conducted in **offline mode.**
7. Duration of exam will be of 1 hour.
8. Average of CIE-1 considered for end semester exam.

Kindly note the same.

Prof. S. B. Patil	Prof. S. C. Patil	Prof. N. C. Desai
Exam In charge	Academic Co-ordinator	HOD MCA

Dr. J. J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Master of Computer Application

Date: 3rd June 2023

Time Table

Continuous Internal Evaluation – I

SEM II 2022-23

FYMCA

Sr No	Date / Day	Theory Exam Time	SUBJECT
01	09/06/2023 (Friday)	10:00 am to 11:00 am	Data Communication and Network
02	09/06/2023 (Friday)	12:00 pm to 1:00 pm	Software Engineering
03	10/06/2023 (Saturday)	10:00 am to 11:00 am	Java Programming
04	10/06/2023 (Saturday)	11:30 am to 12:30 pm	Design and Analysis of Algorithms

Prof. S. B. Patil
Exam In Charge

Sneha.
Prof. S. C. Patil
Academic Co-ordinator

03/6/23
Prof. N. C. Desai
HOD-MCA

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J.J. Magdum Trusts.

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Master Of Computer Application

Continuous Internal Evaluation (CIE) No: 01

Class: MCA I | Year: 2022-23

Subject: Design and Analysis of Algorithms | Sem: II

Date:10/06/23 | Time:11:30 to 12:30am | Max Marks: 30

Instructions:

1. Figures to the right indicate full marks.

Que.No	Sub Que.No	Questions	Marks	CO
Que 01		Solve following MCQs (1 Mark Each)	6	1
	1	The Bellman Ford Algorithm returns _____ value? a. String b. Boolean c. Integer d. Double	1	1
	2	Representation of data structure in memory is known as? a. Storage structure b. File structure c. Recursive d. Abstract Data Type	1	2
	3	Which of the following sorting algorithms provide the best time complexity in the worst-case scenario? a. Merge sort b. Quick sort c. Bubble sort d. Selection sort	1	1
	4	The data structure required for Breadth First Traversal on a graph is? a) Stack b) Array c) Queue d) Tree	1	1
	5	Process of inserting an element in stack is called a) Create b) Push c) Evaluation d) Pop	1	2
	6	Which of the following information is stored in a doubly-linked list's nodes? a. Value of node b. Address of next node c. Address of previous node d. All of above	1	3
Q.02		Attempt any 4 (6 Marks Each)	24	

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

	a)	What is sorting? Explain in detail Quick Sort & Counting Sort.	6	1
	b)	What is Insertion sort? Explain its procedure with algorithm.	6	2
	c)	What are the difference between linear data structure and non-linear data structure?	6	3
	d)	Represent the linked list with traversing a linked list.	6	2
	e)	What is data structure? Represent its type.	6	3
	f)	Explain solving recurrence in detail.	6	2

Dr. J. J. Magdum College of Engineering, Jaysingpur

MCA Engineering Department

Class MCA Sem-II Roll No. 10 Day Saturday Date 10-6-23

Subject Data Analysis and Algorithm

Question Number	1	2	3	4	5	6	7	8	Total Marks
Marks Obtained	5	6	6	6	5				23 / 30

Signature of Supervisor sneha. Signature of Examiner R

Q.1

1 Boolean

2 Storage Structure

3 Merge Sort

4 Queue

5 Push

6 All of above.

5

Insertion sort is an arrangement of n elements in a particular items in a particular way in sequence is called as an insertion sort

for eg a[5] = {7, 6, 3, 4, 1}

Procedure:

Example : a[5] = {7, 6, 3, 4, 1}

a[5] = | 7 | 6 | 3 | 4 | 1 |

= | 6 | 7 | 3 | 4 | 1 |

| 6 | 3 | 7 | 4 | 1 |

| 6 | 3 | 4 | 7 | 1 |

| 6 | 3 | 4 | 1 | 7 |

| 3 | 6 | 4 | 1 | 7 |

| 3 | 4 | 6 | 1 | 7 |

| 3 | 4 | 1 | 6 | 7 |

| 3 | 1 | 4 | 6 | 7 |

| 1 | 3 | 4 | 6 | 7 |

∴ Sortted Array is | 1 | 3 | 4 | 6 | 7 |

Algorithm:

Step 1 : ~~Input~~ Begin

5) In a linear data structure, data traversed at a single run only.	5) In a nonlinear DS, data not traversed at a single run only.
6) Memory not utilized in efficient way	6) Memory is utilized in efficient way

Q.2d)

Linked list

A Linked list is a linear DS in which elements are not stored at a continguous memory allocation.

A linked list is a dynamic data structure the number of node in a list is not fixed and can grow and shrink on demand.

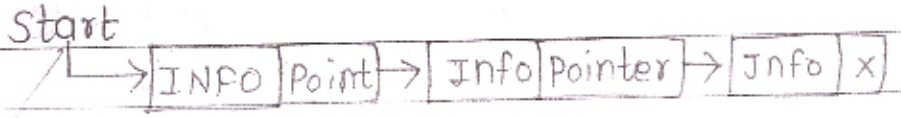
This element is called node which has 2 part INFO and Pointer.

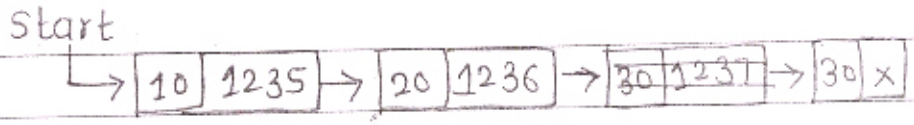
The info parts which stores the information and pointer which pointes next element node

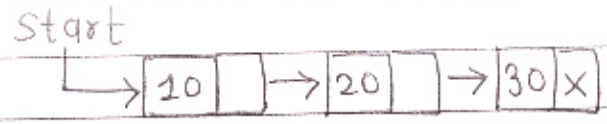
eg. [info][Pointer]

---

eg. [10]

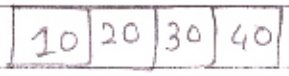
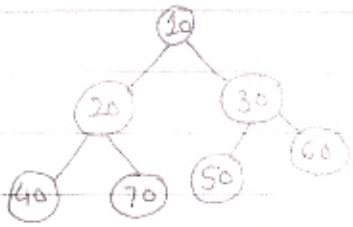






Node :

Step 2 : Input a[5]
Step 3 : Set i ← 1
Step 4 : Repeat step ⑤ to ⑨ While (i<6)
Step 5 : set j ← 1
Step 6 : Repeat step ⑦ to ⑧ While (j<=1)
Step 7 : If ~~a[j]~~ a[j-1] > a[j] then
Set temp ← a[j-1]
a[j-1] ← a[j]
Step 8 : a[j] ← temp
Step 9 : i ← j-1
Step 10 : j ← i+1
Step 11 : print a[5]
Step 12 : End

Q.2. c) Linear Data Structure	Non-linear Data Structure
1) In a linear DS data is arranged in sequence. for eg. Array, stack, Queue. 	1) In a Non-linear DS data is arranged in not a sequece. for eg. Tree, graph. 
2) It is easy to implement.	2) It is difficult to implement
3) It is a single level data structure	3) It is multilevel data structure.
4) The Application of linear data structure is similar to architecture of Software development	4) The application of Non-linear data structure is similar to application of artificial Intelligance.

Q.2 e) Data:

Anything gives information is called data.

for eg. RollNO Name Salary

Structure:

To store the data is called structure in a proper way

for eg. RollNO Name Salary

1 Aradhana 10000

Data Structure:

Data Structure = Data + structure.

Data Structure is way to store data and organize data so it can be used effeciently and better way.

Data Structure are of 2 types

1 Primitive DS

2 Non-primitive DS

1 Primitive Data structure:

In a primitive data structure it is a basic structure and directly connected to operately on a machine.

for eg. int = {1, 2, 3, 4}

2 Non-Primitive Data structure:

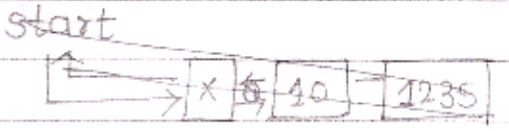
It is derived from primitive data structure.

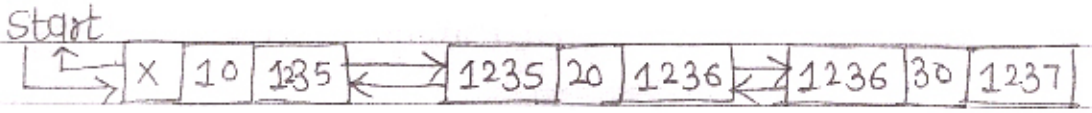
It is a same type and different types of data structure combination.

for eg. {1, 12, A}

PAGE No.:
DATE

eg 1234 10
1235 20
1236 30
1237 40
1238 50





Traversing a linked list:

A linked data structure which will be traverse from the head node to the last node of the list.

Traversing linked list means visiting every nod of the list to perform some operations on a node.

The list be a linked list in memory.

Algorithm:

Step 1 : Begin

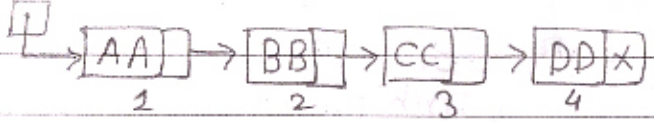
Step 2 : Set PTR = START [initiate pointer PTR]

Step 3 : Repeat step ③ and ④ While ≠ NULL

Step 4 : Apply process to Info[PTR]

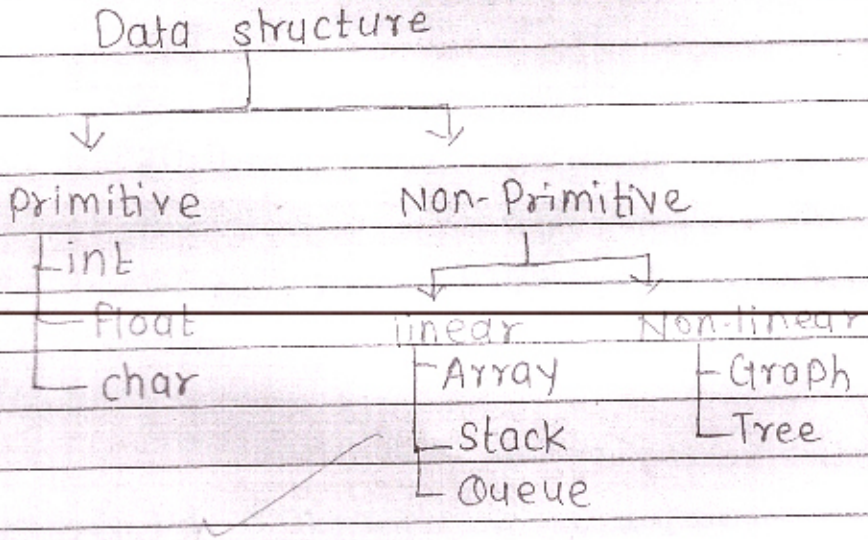
Step 5 : Set PTR = LINK[PTR]

eg Start



INFO	LINK
INFO[1] = AA	LINK[1] = BB
INFO[2] = BB	LINK[2] = CC
INFO[3] = CC	LINK[3] = DD
INFO[4] = DD	

Diagram:


Data structure
Primitive
int
float
char
Non-Primitive
linear
Array
Stack
Queue
Non-linear
Graph
Tree

Dr. J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Master Of Computer Application

Document

CIE-I Result Analysis

Date: 20/06/2023

Class: M.C.A-I

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM-II)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Data Communication and Network	62	59	59	100%	-	Prof.S.B.Patil	-
2	Software Engineering	62	59	59	100%	-	Prof.N.C.Desai	-
3	Java Programming	62	59	59	100%	-	Prof.S.C.Patil	-
4	Design and Analysis of Algorithms	62	59	59	100%	-	Prof.S.B.Patil	-

Prof. S. B. Patil

Exam In charge

Prof. S. C. Patil

Academic Co-ordinator

Prof. N. C. Desai

HOD-MCA

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur 416101

Department of Master of Computer Application

Departmental Exam Cell

Notice **Date: 27th January 2023**

All the students of First Year, Semester I, MCA department are hereby informed that **Continuous Internal Evaluation – II for AY 2022-23 Semester I** of 30 Marks each paper is scheduled on **6th February 2023 and 7th February 2023.**

IMPORTANT NOTE:

1. Attendance of all students for the Test Exam is **compulsory**.
2. Each Subject carries 30 marks.
3. Exam will be of **Subjective Type**.
4. There will be separate passing in class internal exam (Class Test) and End Semester Examination (University Exam) i.e. you should require minimum 12 marks in class internal Exam and 28 marks in End Semester Examination.
5. Retest will not be conducted
6. Exam will be conducted in **offline mode**.
7. Duration of exam will be of 1 hour.
8. Average of CIE-1 and CIE-2 will be considered for end semester exam.

Kindly note the same.

Prof. S. B. Patil
Exam In charge

Prof. S. C. Patil
Academic Co-ordinator

Prof. N. C. Desai
HOD MCA

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Master Of Computer Application

Date: 3rd Feb 2023

Time Table

Continuous Internal Evaluation – II

SEM I 2022-23

FYMCA

Sr No	Date / Day	Theory Exam Time	SUBJECT
01	06/02/2023 (Monday)	09:30 am to 10:30 am	Operating System
02	06/02/2023 (Monday)	2:30 pm to 3:30 pm	Database Mgt. System
03	07/02/2023 (Tuesday)	09:30 am to 10:30 am	Computer Organization
04	07/02/2023 (Tuesday)	2:30 pm to 3:30 pm	Mathematical Foundation

Prof. S.B.Patil
Exam In Charge

Prof.S.C.Patil
Academic Co-ordinator

Prof.N.C.Desai
HOD-MCA

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr.J.J.Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Master Of Computer Application

Continuous Internal Evaluation (CIE) No: 02

Class: MCA | Year: 2022-23 | Div.: | Subject: Operating System | Sem: I

Date:06/02/23 | Time:9:30am-10:30am | Max Marks: 30

Instructions:

1. Figures to the right indicate full marks.

Q.No	Sub Q.No	Questions	Marks	CO
Q. 01		Solve following MCQs (1 Mark Each)	6	
	1	Memory management technique in which system stores and retrieves data from secondary storage for use in main memory is called? a. Fragmentation b. Paging c. both a & b d. none of the above	1	5
	2	PCB stands for..... a. Process Carry block b. Process Control Bank c. Process Control Block d. None of the above	1	2
	3	Run time mapping from virtual to physical address is done by ____ a. Memory Management Unit b. CPU c. PSU d. Execution Queue	1	5
	4	Process is know as ..... a. Active entity b. Negative Entity c. Both a & B d. All of the above	1	4
	5	It is not a type of scheduling algorithm a. FCFS b. SJFS c.RPS d. None of above	1	3
	6	This is the written report or presentation a. Documentation b. Collection c. Verification d. Validation	1	3

Q.02		Attempt any 4 (6 Marks Each)	24	
	a)	Explain Memory management technique in detail.	6	5
	b)	Write a note on Deadlock prevention and deadlock Avoidance.	6	4
	c)	What is compaction in memory management	6	5
	d)	Write in detail system call.	6	2
	e)	What is contiguous memory allocation explain in detail.	6	3
	f)	What is the difference between Process and Thread ?	6	1

Dr. J. J. Magdum College of Engineering, Jaysingpur.

MCA Engineering Department

Mid Term Test / Preliminary Examination 201 - 201 Semester I / II

Class MCA - I Roll No. 17 Day _____ Date 21 - 1 - 23

Subject Operating System

Question Number	1	2	3	4	5	6	7	8	Total Marks
Marks Obtained	3	6	6	5	6				26/30

Signature of supervisor _____ Signature of examiner _____

Q.1

1) c) both a & b

2) c) Bootstrap Program

3) d) Execution queue

4) d) All of the above

5) b) There exist a safe queue

6) a) Completion Time

Q.2

a) Operating system -

An operating acts as an intermediary between the computer software / computers users & the computer hardware. Operating system is connected both the user / software & the hardware. Operating system performs the various tasks at a time.

directly with the CPU. An operator operates it & divide a jobs into batches & executes them.

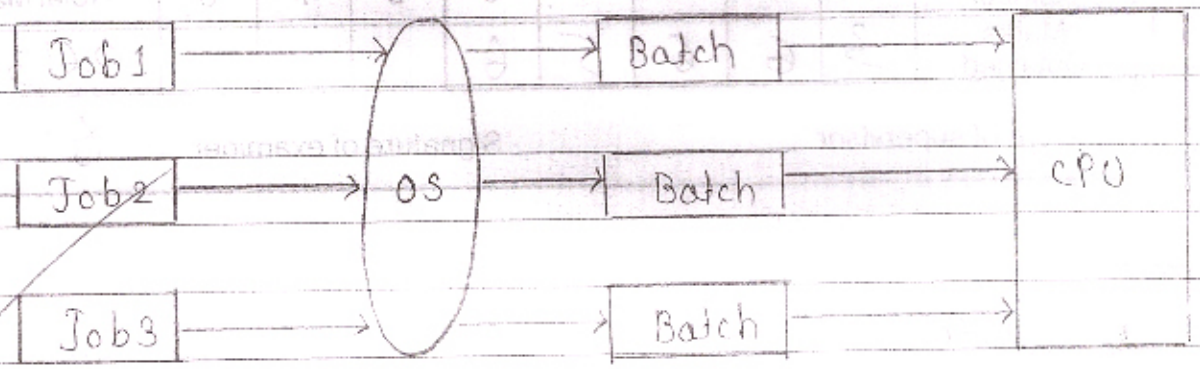


Fig. Batch OS

Advantages –

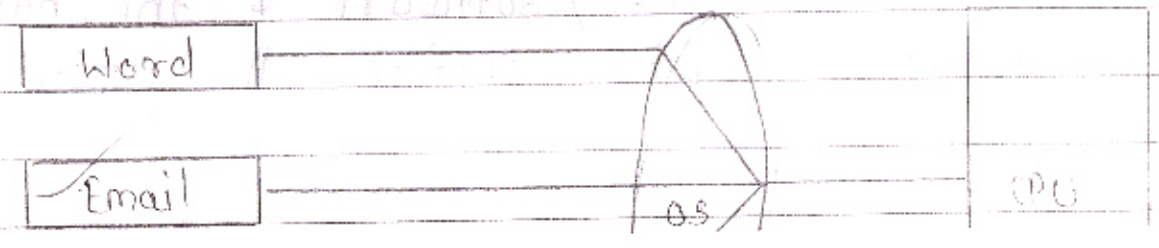
1) The ~~cpu know~~ operater / os know the how much time is required to complete the job
2) It uses the multiple or single user.

Dis advantages –

1) Some times it is costly
2) Operator knew the how system will be done.

---

2) Time Sharing Operating System - It is the operating system which is multitasking in nature. In this system the single as well as the multiple users can perform task at a same time & same memory



Advantages -

1) Performs multiple tasks at a time.
2) emails increases & system/work efficiency

Disadvantages -

1) Communicat^ problem

3) Distributed Operating system -

It is loosely coupled system. One or mo computers are conned to each other to share th memory. It is widely used OS.

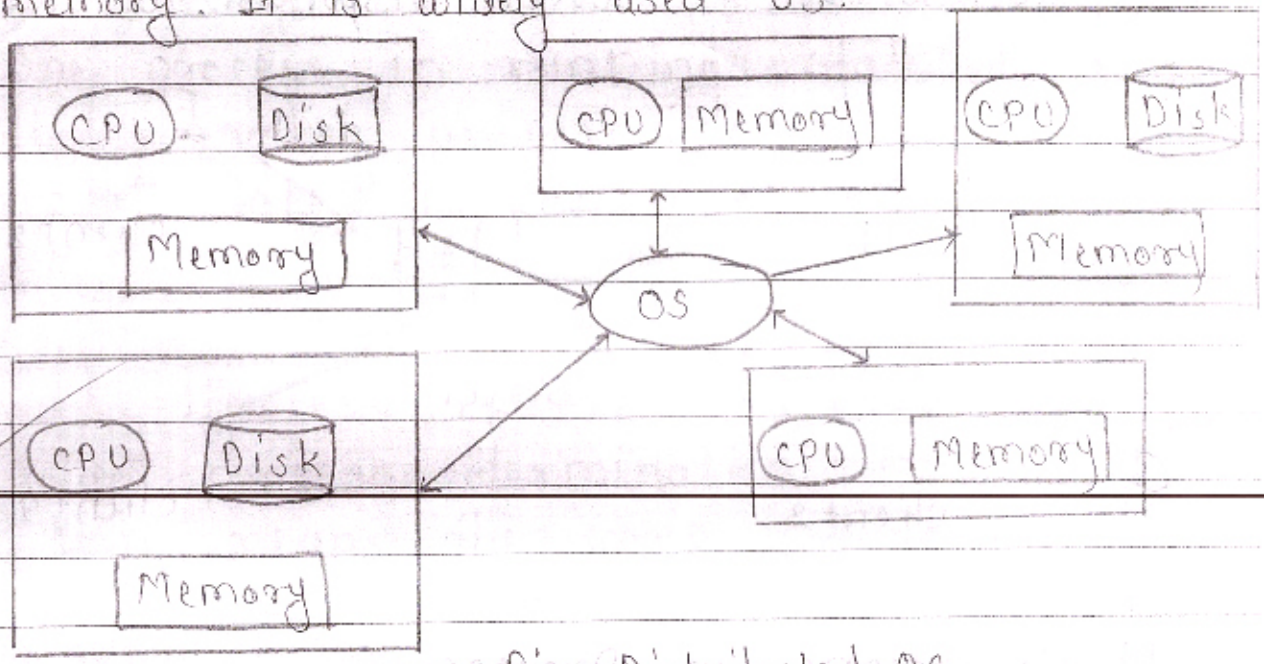


fig. Distributed OS

Advantages -

1) In this operating system the work done is faster & easier.
2) If one system is fails then no affect on another system.

Dis-advantages -

1) Main center is break then all is not

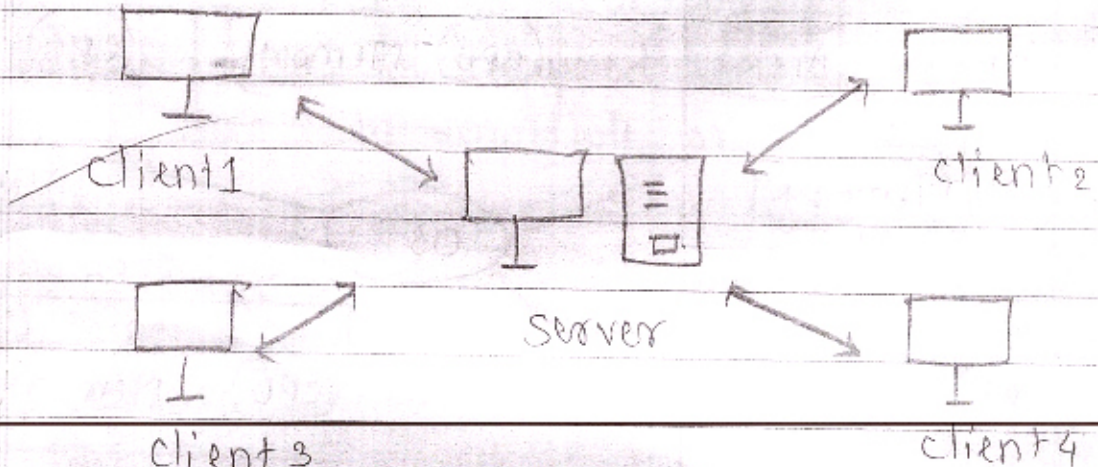
follow strictly

I) Hard RTOS - In this no delay is allowed strictly follow the time constraint.

II) Soft RTOS - Time constraint follows allow it is less.

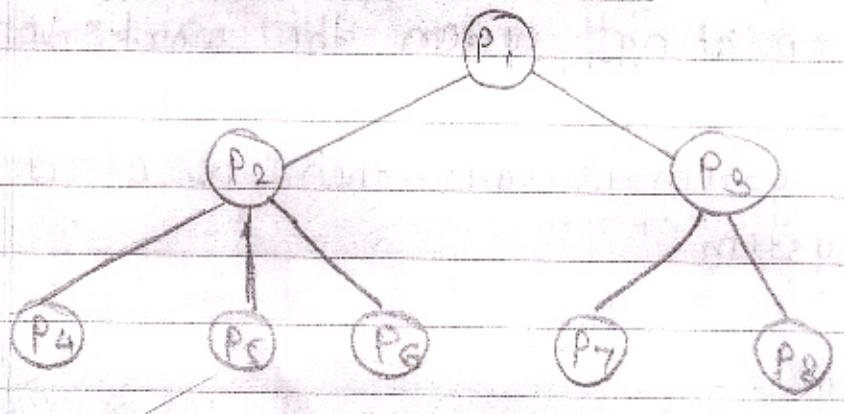
5) Network OS -

The network OS is the tightly coupled system in this OS the client-server nature is follow client request to server & server responds to client



b) Operations in Process -

1) Process Creation.



In this the ~~one~~ parent child relation

2) Process ~~Sh~~ Scheduling / Dispatching -

In this operation process is in getting to ready for ready queue. new process is created & waiting for ready queue.

3) Blocking -

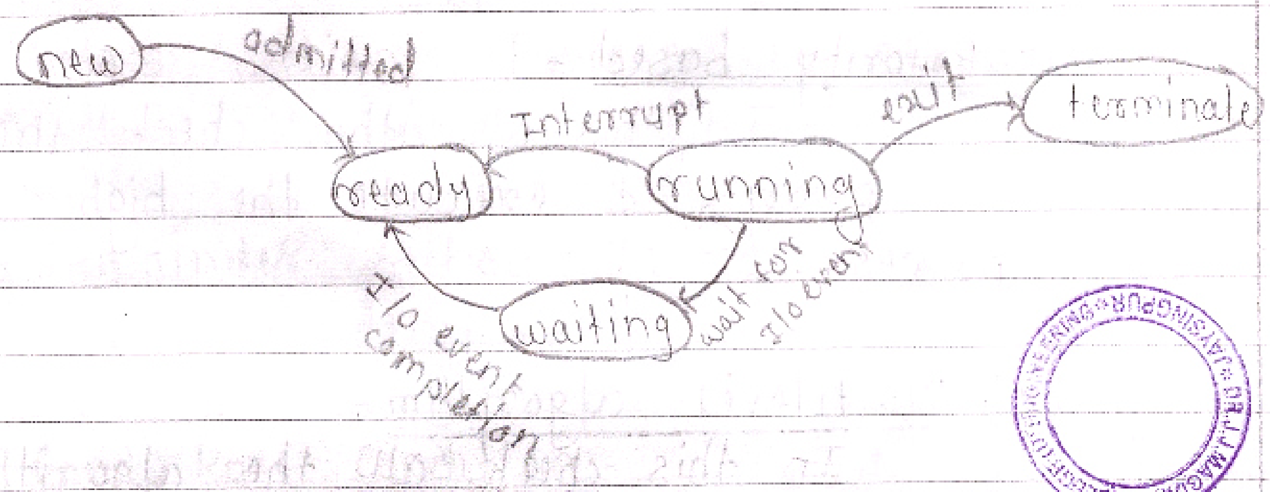
In this process blocking mode. The process will be blocked.

4) Preemption -

Preemption is the ~~indtre~~ interrupt signal. One process in running state & at that time another process comes in the ~~re~~ ready state is called preemption.

5) Process termination -

Process is executed successfully is called process termination. Process termination means the work is done or finished.



1) FCFS -
First come first serve follows the FIFO method. Which process is enters the first this process executes the first.

2) SRT -
Shortest Remaining Time algorithm means which processes execution time is less remaining It is preemptive SJF also

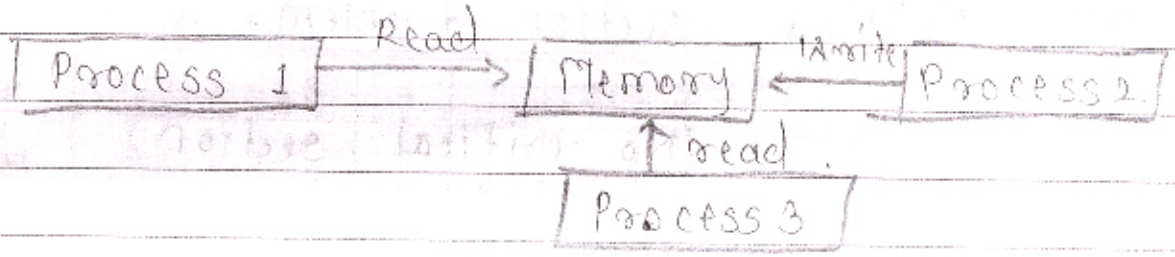
3) SJF -
Shortest Job first means the which process gets a less time to execute. It priors the first.

4) Round - Robin - In this round - robin method the check its waiting & burst - time & give each process the quantum time.

5) Priority based -
In this algorithm check the process ~~pro~~ priority & execute the higher priority process.

6) Multilevel algorithm -
In this check all the algorithms like FCFS, SRT, SRT, priority & round

c) Process Synchronization



In this multiple processes access same memory address at a time Process 1 can read the data at same memory address process 2 try's to write in data & also process 3 reads the data. In process synchronization there are multiple states.

1) Entry section - process enters the operating system by entry section.

2) Critical section - only one process can run at a time in critical section

3) Exit section - Exit section is below to the critical section. Process is terminated in this section

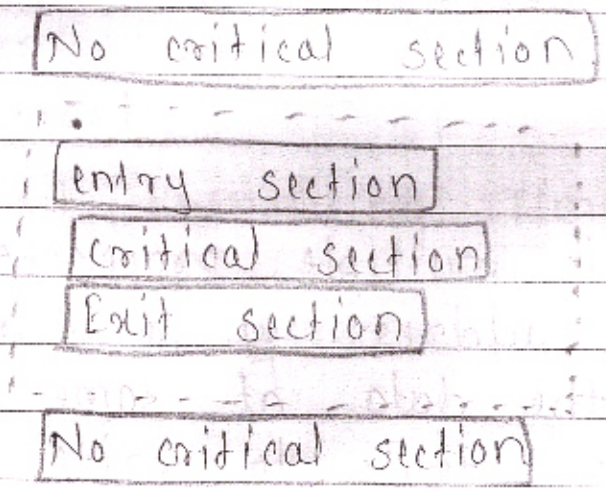
4) Remainder section - In this section shows remaining time.

* Race Condition -

Race condition is the condition

at a time.

Critical section Problem -



In this three sections are -

1) Entry section is above the critical section
2) Critical section is the process can execute only one at a time.
3) Exit section exits the process.

In this critical section problem wait ( ) helps to another function to wait the process & the single ( ) function helps to the single process executes at the time of execution in critical section.

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Master Of Computer Application

Document

CIE-II Result Analysis

Date: 14/02/2023

Class: M.C.A-I

Continuous Internal Evaluation-II (CIE-II) - Result Analysis (Year- 2022-23 SEM-I)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Computer Organization	62	61	57	93.44%	4	Prof. S. B. Patil	Remedial classes will be arranged for failed students
2	Operating System	62	61	61	100%	0	Prof. S. B. Patil	
3	Database Management System	62	61	61	100%	0	Prof. N. C. Desai	
4	Mathematical Foundation	62	61	59	96.72%	2	Prof. S. C. Patil	Remedial classes will be arranged for failed students

Prof. S. B. Patil
Exam In charge

Prof. S. C. Patil
Academic Co-ordinator

Prof. N. C. Desai
HOD-MCA

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur 416101

Department of Master of Computer Application

Departmental Exam Cell

Notice

Date: 16th January 2023

All the students of First Year, Semester I, MCA department are hereby informed that **Continuous Internal Evaluation – I for AY 2022-23 Semester I** of 30 Marks each paper is scheduled on **21st January 2023 and 23rd January 2023.**

IMPORTANT NOTE:

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2. Each Subject carries 30 marks.
3. Exam will be of **Subjective Type**.
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Kindly note the same.

Prof. S. B. Patil
Exam In charge

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Academic Co-ordinator

Prof. N. C. Desai
HOD MCA

Dr. J.J. Magdum Trust's
Dr. J.J. Magdum College of Engineering, Jaysingpur 416101
Department of Master of Computer Application

Departmental Exam Cell

Notice

Date: 16th January 2023

All the faculty members of MCA department are hereby informed that **Continuous Internal Evaluation – I for AY 2022-23 for MCA Semester 1 students** of 30 Marks each paper is scheduled on **21st January 2023 and 23rd January2023**. All the faculty members should submit their respective question paper(s) up to **19th January 2023**.

Submit the paper on email id: snehal.patil@jjmcoe.ac.in

Kindly note the same.

Important Note:

1. Each Subject carries 30 marks.
2. Test will be of **Subjective Type.**
3. Exam will be conducted in offline mode.
4. Duration of exam will be of 1 hour.
5. Retest will not be conducted.

Syllabus:

1) MCA Semester 1 (As per subject In-charge)

Prof. S. B. Patil
Exam In-charge

Prof. S. C. Patil
Academic Coordinator

Prof. N. C. Desai
HOD - MCA

Dr. J.J. Magdum Trust's

Dr. J.J. Magdum College of Engineering, Jaysingpur 416101

Department of Master Of Computer Application

Date: 16th January 2023

Time Table

Continuous Internal Evaluation – I

SEM I 2022-23

FYMCA

Sr No	Date / Day	Theory Exam Time	SUBJECT
01	21/01/2023 (Saturday)	09:30 am to 10:30 am	Operating System
02	21/01/2023 (Saturday)	10:40 am to 11:40 am	Mathematical Foundation
03	21/01/2023 (Saturday)	3:20 pm to 4:20 pm	Communication Skill
04	23/01/2023 (Monday)	09:30 am to 10:30 am	Computer Organization
05	23/01/2023 (Monday)	10:40 am to 11:40 am	Database Mgt. System

Prof. S.B.Patil
Exam In Charge

Prof.S.C.Patil
Academic Co-ordinator

Prof.N.C.Desai
HOD-MCA

Dr.J.J.Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Master Of Computer Application

Continuous Internal Evaluation (CIE) No: 01

Class:MCA | Year: 2022-23 | Sem: I

Div.: | **Subject: Operating System**

Date:21/01/23 | Time:9:30-10:30am | Max Marks: 30

Instructions:

1. Figures to the right indicate full marks.

Que.No	Sub Que.No	Questions	Marks	CO
Que 01		Solve following MCQs (1 Mark Each)	6	1
	1	Operating System acts as an intermediary between the ..... and the computer hardware. a. Computer Software b. Computer User c. both a & b d. none of the above	1	1
	2	A Process Control Block (PCB) does not contain which of the following? a. Code b. Stack c. Bootstrap Program d. Data	1	2
	3	The processes that are residing in main memory and are ready and waiting to execute are kept on a list called _____ a. Job Queue b. Ready Queue c. Process Queue d. Execution Queue	1	1
	4	Which of the following condition is required for a deadlock to be possible? a. Mutual Exclusion b.Hold and wait c.Circuler Wait d.All of the above	1	1
	5	A system is in safe state if------- a.The system can allocate resources to each process in some order and still avoid a deadlock b.There exist a safe sequence c.All of the above d.None of above	1	1
	6	This is the time when the process completes its execution a.Complition Time b.Waiting time c.Response time d. None of above	1	3

Q.02		Attempt any 4 (6 Marks Each)	24	
	a)	Explain the types of Operating system	6	1
	b)	Explain Process operation in detail.	6	2
	c)	State and explain CPU scheduling algorithms.	6	3
	d)	What is process Synchronization?	6	3
	e)	What is deadlock ?Write in detail.	6	4
	f)	Explain in detail Bankers Algorithm.	6	4

Dr.J.J.Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Electronics and Telecommunication Engineering

Continuous Internal Evaluation (CIE) No: 01

Class:MCA I | Year: 2022-23

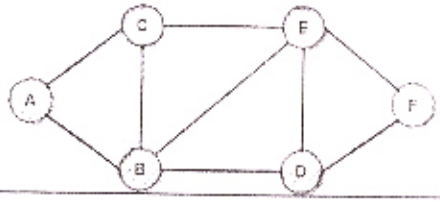
Div.:- | **Subject:** Mathematical Foundations | Sem: I

Date:21/01/23 | Time:10:40-11:40am | Max Marks. 30

Instructions:

1. Use of non-programmable calculator.
2. Figures to the right indicate full marks.

Que.No	Sub Que.No	Questions	Marks	CO
Que 01		Solve following MCQs (1 Mark Each)	6	1
	1	How to calculate permutation of certain number or words? a. $\frac{n}{r}$ b. $P_r = \frac{n}{r}$ c. $P_r = \frac{1}{n}$ d. $P_r = \frac{1}{n!}$	1	1
	2	If A={2,4,6,8} then which is correct set builder notation for set A? a. {x: x is an even natural number less than 12} b. {x: x is an odd natural number less than 10} c. {x: x is an even natural number less than 10} d. {x: x is an odd natural number less than 12}	1	1
	3	A function which defines membership of a particular element is called as …… a. Relation b. Characteristic function c. Transitive function d. Membership function	1	1
	4	Which of the following is an open walk? a. 1-2-3-4-5-3 b. 1-2-3-1 c. 2-1-2 d. 1-2-3-5-1	1	1
	5	The arrangements of objects in a particular way to order is known as …… a. Combination b. Function c. Relation d. Permutation	1	1
	6	A recurrence relation with one degree are called as …… a. Recursive Relation b. Linear Relation c. Homogeneous Relation d. Linear Function	1	1

Que. 02		Attempt any 4 (6 Marks Each)	24	
	a)	There are 200 individuals with a dermatological disorder. 120 were exposed to the chemical C1, 50 to chemical C2, and 30 to both the chemicals C1 and C2. What is the number of individuals exposed to? (i) chemical C1 but not chemical C2 (ii) chemical C2 but not chemical C1 (iii) chemical C1 or chemical C2	6	1
	b)	Explain the operations on Set. Draw the Venn Diagram of each?	6	2
	c)	Find out the sequence generated by the given recurrence relation $T_n = 3T_n - 4$	6	1
	d)	It is required to seat 5 men and 4 women in a row so that the women occupy the even places. How many such arrangements are possible?	6	2
	e)	Find a linear relation of $a_n + a_{n-1} - 2a_{n-2} = 0$ the initial conditions are $a_0 = 2$, $a_1 = 4$.	6	2
	f)	Find the walk path, circuit path longest and shortest path from the all paths. 		

Dr. J. ...agdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Master Of Computer Application

Document

CIE-I Result Analysis

Date: 02/02/2023

Class: M. C. A - I

Continuous Internal Evaluation-I (CIE-I) - Result Analysis (Year- 2022-23 SEM - I)

Sr. No	Subject Name	Total Strength	No. of Appeared Student	No. of Pass Student	Overall Passing %	No. of Fail Student	Name of Faculty	Action Taken
1	Computer Organization	62	60	51	85%	09	Prof. S. B. Patil	Remedial classes will be arranged for failed students
2	Operating System	62	61	42	68.85%	19	Prof. S. B. Patil	Remedial classes will be arranged for failed students
3	Database Management System	62	59	40	67.80%	19	Prof. N. C. Desai	Remedial classes will be arranged for failed students
4	Mathematical Foundation	62	61	41	67.21%	20	Prof. S. C. Patil	Remedial classes will be arranged for failed students

Prof. S. B. Patil
Exam In charge

Prof. S. C. Patil
Academic Co-ordinator

Prof. N. C. Desai
HOD-MCA

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

First Year Engineering & Technology Department

Date:8.12.2022

NOTICE

All the Faculty members of First Year B.Tech are hereby informed that, the First Continuous Internal Evaluation-I (**CIE-I**) is scheduled on **26th December, 2022 & 27th December, 2022** as per CBCS pattern Shivaji University, Kolhapur.

CIE-I Exam will be conducted in **offline mode.** So you are requested to submit the **soft copy & hardcopy** of question paper on or before **19/12/2022** to following email ID...

E-mail ID :mayuri.naik@.jjmcoe.ac.in

Important Note:-

1. Class test will be of 30 marks.
2. Respective subject incharge should announce syllabus for CIE-I to the students & prepare the question paper on your declared syllabus.
3. Respective subject incharge is required to set question bank for both MCQ and descriptive questions in 1: 2 ratio and send it to students either on whatsapp group/Google Classroom/any other suitable platform before the exam.
4. The format of question paper is mailed to you. The subject incharge is required to set CIE paper containing 6 MCQ's of 1 mark each and remaining 24 marks are of subjective questions, distribution of which can be decided by respective subject incharge as per University Syllabus.
5. Submit the question paper within time.
6. CO(Course Outcome) mapping should be mentioned in the question paper.
7. Mention proper date and time on question paper.

Prof.Ms. M. R. Naik
I/C Class Test

Prof.M.B.Bhilavade
HOD, F.Y.B.Tech.

Faculty List

Year: 2022-23 **Sem:I**

Sr.No.	Faculty Name	Sign
1	Prof. M. B. Bhilavade	
2	Dr. D. B. Unde	
3	Prof. P. P. Patil	
4	Prof. B. N. Shinde	
5	Dr. S. M. Attar	
6	Prof. P. A. Chougule	
7	Prof. Ms. M. R. Naik	
8	Prof. Mrs. A. A. Ainapure	
9	Dr. A. M. More	
10	Prof. S. S. Karadage	8/12/22
11	Prof. S. M. Shaikh	08/12/22
12	Prof. Y. R. Patil	
13	Prof. A. N. Kurane	
14	Prof. V. A. Patil	
15	Prof. S. V. Mane	
16	Prof. Mrs. M. U. Phutane	
17	Prof. D. U. Chavan	
18	Prof. A. A. Sutar	
19	Prof. R. H. Yadav	
20	Prof. M. V. Kharade	
21	Prof. V. J. Khot	

Lab Assistant

Sr.No.	Name	Sign.
1	Mr. R. B. Patil	
2	Mr. V. S. Chavan	
3	Mr. K.G.Jadhav	

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

First Year Engineering & Technology Department

Date:8.12.2022

NOTICE

All the students of First Year (Div.-A, B, C, D) are hereby informed that, the First Class Test**(Continuous Internal Evaluation -I)** is scheduled on **26th December, 2022 & 27th December, 2022** as per CBCS pattern Shivaji University, Kolhapur.

CIE-I Exam will be conducted in **offline mode.** So all students are required to attend the Class Test Exam without fail.

Important Note:-

1. Attendance for exam is compulsory.
2. Each subject carries 30 marks.
3. Minimum passing marks in each subject is 12 marks.
4. There will be separate passing in class internal exam (CIE) and End Semester Examination (University Exam).
6. A Student shall not be allowed to appear for ESE (University level End Semester Examination) of a particular subject if fails to score minimum passing marks in Class Test of that subject.
7. Retest will not be conducted.

Time table will be displayed on notice board. Very Soon.

Prof.Ms.M.R. Naik
I/C Class Test

Prof.M.B.Bhilavade
HOD, F.Y.B.Tech.

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

First Year Engineering & Technology Department

SEM-I Year: 2022-23

Continuous Internal Evaluation No : 01

Date: 26/12/2022

NOTICE

All the faculty members related to F.Y.B.Tech. are informed that answer sheets of your subject are provided to you and submit hardcopy of mark sheet on or before 30th December,2022.

Soft copy of mark sheet(Spreadsheet) will be sent on your college E-mail .You have to fill marks in it by 30/12/2022.

Note:-

1. Keep the answer sheets carefully with you for future reference and record.

Prof.Ms. M. R. Naik
I/C Class Test

Prof.M.B.Bhilavade
HOD,F. Y. B.Tech.

S.Y. Mane - BCE
V.A. Patil BLE (C)
S.S. Karadge FEC (A&B)
S.M. Shaikh BME (A&B)
APN

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

First Year Engineering & Technology Department

CONTINUOUS INTERNAL EVALUATION: 01

TIME TABLE

SEM-I **Year: - 2022-23**

DIV:A &B

Sr.No.	Name of Subject	Date	Time
01	Engineering Chemistry	26/12/2022	10.00 am to 11.00 am
02	Engineering Mathematics-I		12.00 pm to 1.00 pm
03	Applied Mechanics		2.30 pm to 3.30 pm
04	Fundamentals of Electronics & Computer	27/12/2022	10.00 am to 11.00 am
05	Basic Mechanical Engineering		12.00 am to 1.00 pm

DIV:C & D

Sr.No.	Name of Subject	Date	Time
01	Engineering Physics	26/12/2022	10.00 am to 11.00 am
02	Basic Civil Engineering		12.00 pm to 1.00 pm
03	Engineering Mathematics-I		2.30 pm to 3.30 pm
04	Basic Electrical Engineering	27/12/2022	10.00 am to 11.00 am
05	Engineering Graphics		2.30 pm to 3.45 pm

Prof. Ms. M. R. Naik
I/C Class Test

Prof. M. B. Bhilavade
HOD,F.Y.B.Tech.

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

First Year Engineering &Technology Department

CONTINUOUS INTERNAL EVALUATION(CIE) NO:1

Class: F Y
Div: C & D

Year: 2022-23
Semester: I

Subject: Engg. Mathematics- I

Day and Date: Monday, 26/12/2022
Time: 2.30 pm -3.30 pm
Instructions:

Max Marks: 30

1. All questions are compulsory.
2. Use of scientific calculator is allowed.

Que. No	Questions	Marks	CO
Q.1	**Choose correct alternatives (2 marks each**	06	1, 2
1	Rank of matrix $\begin{pmatrix} 1 & 2 & 3 \\ 1 & 4 & 2 \\ 2 & 6 & 5 \end{pmatrix}$ is......... a) 0 b) 1 c) 3 d) 2		
2	The system of linear equations is said to be inconsistent if a) rank A=rank(A,B) b) rank A ≠ rank(A,B) c) rank A< rank(A,B) d) rank A > rank(A,B)		
3	The sum & product of eigen values of matrix is equal to $\begin{pmatrix} 4 & 2 \\ -1 & 2 \end{pmatrix}$ are a) 5&0 b)5&8 c)5&-8 d) cannot be determined		
Que 02	**Attempt any 3 (8 Marks each)**	24	1, 2
1	Reduce the following matrix to normal form and find its rank $\begin{pmatrix} 2 & 1 & -3 & -6 \\ 3 & -3 & 1 & 2 \\ 1 & 1 & 1 & 2 \end{pmatrix}$		
2	Test for consistency and solve by matrix method 2x+3y+4z=11 , x+5y2z=15 , 3x+11y+13z=25		
3	Show that the system of equations 2x-2y+z=kx, 2x-3y+2z= kx, -x+2y=kz can posses a non- trivial solution only if k=1, k=-3. Obtain [illegible] solution in each case.		
4	Find the eigen values and corresponding eigen vectors for [illegible] A= $\begin{pmatrix} 6 & -8 & 2 \\ 4 & -3 & -2 \\ 3 & -4 & 1 \end{pmatrix}$		

Dr. J .J. Magdum Trust's

Dr. J .J. Magdum College of Engineering, Jaysingpur.

First Year Engineering & Technology Department.

Continuous Internal Evaluation (CIE) No: 01

SEM-I (2022-23)

RESULT ANALYSIS

DIV-A(CSE+ CIVIL)

Sr. No.	Subject	Faculty Name	Students Appeared	Total Pass	Passing %	Total Fail	Failure %
1.	Engineering Chemist y	Prof. P. P. Patil	75	49	65.33%	26	34.67%
2.	Engineering Mathematics-I	Prof. Dr. D. B. Unde	75	66	88%	09	12%
3.	Applied Mechanics	Prof. A. N. Kurane	75	72	95.83%	03	4.17%
4.	Fundamentals of Electronics & Computer	Prof. S. S. Karadage	75	58	77.33%	17	22.66%
5.	Basic Mechanical Engineering	Prof. S. M. Shaikh	75	66	88%	09	12%

DIV-B(IT+CIVIL)

Sr. No.	Subject	Faculty Name	Students Appeared	Total Pass	Passing %	Total Fail	Failure %
1.	Engineering Chemistry	Prof. P. P. Patil	73	52	71.23%	21	28.77%
2.	Engineering Mathematics-I	Prof. Ms. M. R. Naik	73	69	94.52%	04	5.47%
3.	Applied Mechanics	Prof. A. N. Kurane	73	70	95.71%	03	4.28%
4.	Fundamentals of Electronics & Computer	Prof. S. S. Karadage	72	60	83.33%	12	16.67%
5.	Basic Mechanical Engineering	Prof. S. M. Shaikh	73	70	96%	03	4%

Prof. Ms. M. R. Naik
I/C Class Test

Prof. M. B. Bhilavade
HOD, F. Y. B. Tech.

Dr. J .J. Magdum Trust's

Dr. J .J. Magdum College of Engineering, Jaysingpur.

First Year Engineering & Technology Department.

Continuous Internal Evaluation (CIE) No: 01

SEM-I (2022-23)

RESULT ANALYSIS

Div-C(AIDS)

Sr. No.	Subject	Faculty Name	Students Appeared	Total Pass	Passing %	Total Fail	Failure %
1.	Engineering Physics	Prof. B. N. Shinde	68	40	58.82%	28	41.18%
2.	Engineering Mathematics-I	Prof. Mrs. A. A. Ainapure	68	56	82.35%	12	17.65%
3	Basic Civil Engineering	Prof. V. A. Patil	68	61	88.40%	07	11.59%
4.	Basic Electrical Engineering	Prof. M. B. Bhilavade	68	52	76.47%	16	23.53%
5.	Engineering Graphics	Prof. Y. R. Patil	68	46	68%	22	32%

Div-D(ETC)

Sr. No.	Subject	Faculty Name	Students Appeared	Total Pass	Passing %	Total Fail	Failure %
1.	Engineering Physics	Prof. B. N. Shinde	65	53	81.53%	12	18.47%
2.	Engineering Mathematics-I	Prof. Mrs. A. A. Ainapure	65	60	92.31%	05	7.69%
3.	Basic Civil Engineering	Prof. S. V. Mane	65	64	99%	01	1 %
4.	Basic Electrical Engineering	Prof. M. B. Bhilavade	65	49	75.38%	16	24.62%
5.	Engineering Graphics	Prof. Y. R. Patil	65	61	94%	04	6 %

Prof. Ms. M. R. Naik
I/C Class Test

Prof. M. B. Bhilavade
HOD, F. Y. B. Tech.

Naik madam

First Year Engineering Science Department

Continuous Internal Evaluation (CIE) : 1

Div. B Roll No. B28 Day Monday Date 26-12-22

Subject Engg. Mathematics - I

Que.Number	1	2	3	4	5	6	7	8	Total
Marks Obt.	6	18							24/30

Sign.of Supervisor Sign.of Examiner Naik

Q.1

1) c) m

2) ~~b) 3~~ c) 1 6

3) 3) A) |A|

Q. 2

1) $\begin{bmatrix} 2 & 3 & -1 & -1 \\ 1 & -1 & -2 & -6 \\ 3 & 18 & 3 & -2 \\ 6 & 3 & 0 & -7 \end{bmatrix}$

Soln.

$A = \begin{bmatrix} 2 & 3 & -1 & -1 \\ 1 & -1 & -2 & -6 \\ 3 & 18 & 3 & -2 \\ 6 & 3 & 0 & -7 \end{bmatrix}$

$R_1 \leftrightarrow R_2$

$\begin{bmatrix} 1 & -1 & -2 & -6 \\ 2 & 3 & -1 & -1 \\ 3 & 18 & 3 & -2 \\ 6 & 3 & 0 & -7 \end{bmatrix}$

$R_2 - 2R_1, R_3 - 3R_1, R_6 - 6R_1$

$\begin{bmatrix} 1 & -1 & -2 & -6 \\ 0 & 5 & -1 & 1 \\ 0 & 21 & 9 & 10 \\ 0 & 9 & 12 & 17 \end{bmatrix}$

$C_2 + C_1, C_3 + 2C_1, C_4 + 6C_1$

$\begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 5 & -1 & 1 \\ 0 & 21 & 9 & 10 \\ 0 & 9 & 12 & 17 \end{bmatrix}$

$R_4 - (R_2 + R_3)$

$\begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 5 & -1 & 1 \\ 0 & 21 & 9 & 10 \\ 0 & -17 & 4 & 6 \end{bmatrix}$

$R_3 + R_4$

$$\begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 5 & -1 & 1 \\ 0 & 4 & 13 & 16 \\ 0 & -17 & 4 & 6 \end{bmatrix}$$

$R_2 - R_3$

$$\begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & -16 & .15 \\ 0 & 4 & 13 & 16 \\ 0 & -17 & 4 & 6 \end{bmatrix}$$

~~$C_3 + 6C_2 + C_0 + 3C_2$~~

$R_3 + R_2$

$$\begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & -16 & 15 \\ 0 & 5 & -1 & 31 \\ 0 & -17 & 4 & 6 \end{bmatrix}$$

2

2) $3x+3y+2z=1$, $x+2y=4$, $2x-3y-z=5$

Sol^n

$AX=B$

$$\begin{bmatrix} 3 & 3 & 2 \\ 1 & 2 & 0 \\ 2 & -3 & -1 \end{bmatrix} \begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} 1 \\ 4 \\ 5 \end{bmatrix}$$

$R_2 \leftrightarrow R_1$

$$\begin{bmatrix} 1 & 2 & 0 \\ 3 & 3 & 2 \\ 2 & -3 & -1 \end{bmatrix} \begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} 4 \\ 1 \\ 5 \end{bmatrix}$$

$R_2 - 3R_1$, $R_3 - 2R_1$

$$\begin{bmatrix} 1 & 2 & 0 \\ 0 & -3 & 2 \\ 0 & -7 & -1 \end{bmatrix} \begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} 4 \\ -11 \\ -3 \end{bmatrix}$$

$3R_3 - 7R_2$

$$\begin{bmatrix} 1 & 2 & 0 \\ 0 & -3 & 2 \\ 0 & 0 & -17 \end{bmatrix} \begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} 4 \\ -11 \\ 68 \end{bmatrix}$$

Rank of matrix $A = 3$

& rank of $[A:B] = 3$

system is said to be consistant & possess sol^n

Here rank = No. of unknowns

Therefore system of eq^n has a unique sol^n

from R_3, $-7z = 68$

$$z = \frac{68}{-17}$$

$$\boxed{z = -4}$$

From R_2 $-3y+2z=-11$

$-3y+2x-4=-11$

$-3y-8=-11$

$-3y=-11+8$

$y=\frac{-3}{-3}$

$\boxed{y=1}$

From R_1 $2x+2y=4$

$2x+2(1)=4$

$\boxed{2x=2}$

$\therefore$ soln set is

$x=2, y=1, z=-4$

3) → $2x+y+2z=0$

$x+y+3z=0$

$4x+3y+\mu z=0$

Soln For non-trivial soln coefficient matrix must be singular i.e. $|A|=0$

$$|A| = \begin{vmatrix} 2 & 1 & 2 \\ 1 & 1 & 3 \\ 4 & 3 & \mu \end{vmatrix}$$

$= 2(\mu-9)-1(\mu-12)+2(3-4)$

$= 2\mu-18-\mu+12-2$

$\boxed{\mu=8}$

For $\mu=8$ we get non-trivial soln

$$\begin{bmatrix} 2 & 1 & 2 \\ 1 & 1 & 3 \\ 4 & 3 & 8 \end{bmatrix} \begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix}$$

$2R_2 - R_1$, $R_3 - 2R_1$

$$\begin{bmatrix} 2 & 1 & 2 \\ 0 & 1 & 4 \\ 0 & 1 & 4 \end{bmatrix} \begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix}$$

$R_3 - R_2$

$$\begin{bmatrix} 2 & 1 & 2 \\ 0 & 1 & 4 \\ 0 & 0 & 0 \end{bmatrix} \begin{bmatrix} x \\ y \\ z \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix}$$

Rank of matrix = 2

rank < unknowns

System of eqn possess non-trivial soln

Put $z = k$ as parameter

From R_1: $2x + y + 2z = 0$

$2x + (-4k) + 2k = 0$

$2x - 2k = 0$

$2x = 2k$

$x = \frac{2k}{2}$

$\boxed{x = k}$

From R_2

$y + 4z = 0$

$y + 4k = 0$

$\boxed{y = -4k}$

Soln set is

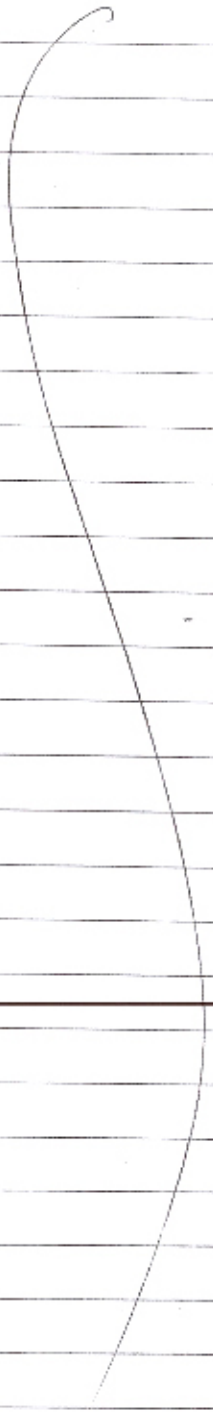
$x = k$

$y = -4k$

$z = k$

q) $\begin{bmatrix} 3 & -1 & 1 \\ -1 & 5 & -1 \\ 1 & -1 & 3 \end{bmatrix}$

In a char



Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Mechanical Engineering

Date: 07/10/2022

Notice

All the Students of Mechanical Engineering Department are here by informed that **Continuous Internal Evaluation- (CIE-I)** of Semester I of academic year 2022-23 for class **T.Y.B.Tech.and Final Tear B.Tech.** is scheduled on 14th October 2022 and 15th October 2022. Attendance for CIE-II is Compulsory.

CIE will be of 30 Marks (OFFLINE MODE).

Time Table is displayed on Notice Board.

Prof. R.H.Yadav
CIE In-Charge

Prof.S.M.Sheikh
HOD Mechanical

T.Y. Mech Batch

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Mechanical Engineering

Date: 07/10/2022

Notice

All the faculty members of Mechanical Engineering Department are here by informed that **CIE-I** of Semester I of academic year 2022-23 for class **T.Y.B.Tech.and Final Year B.Tech.** is scheduled on **14th October 2022 and 15th October 2022.**

Test will be of 30 Marks. Soft copy of question paper must be submitted on or before 11/10/2022

Note: Send soft copy of question paper ONLY to E-mail Id-

ravindra.yadav@jjmcoe.ac.in

Prof. R.H.Yadav
CIE In-charge

Prof.S.M.Sheikh
HOD Mechanical

Name of the Faculty	Signature	Name of the Faculty	Signature
Dr. P. R. Kulkarni		Prof.M.V.Kharade	
Prof.V.J.Khot		Prof.S.M.Sheikh	
Prof. R.H. Yadav		Prof.S.P.Gaikwad	
Prof.Y.R.Patil		--	

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Mechanical Engineering

Date:07/10/2022

Notice

All the faculty & Staff members of mechanical engineering department are informed to go through the supervision schedule for the CIE-I Sem-I 2022-23 and work accordingly.

Sr. No.	Name of the Faculty/Staff	Date	Time	Sign
1	Prof.P.R.Kulkarni	14/10/2022	09.30 am to 10.30 am	
2	Prof.S.M.Sheikh	14/10/2022	12.00 noon to 01.00 pm	
3	Prof. V. J. Khot	14/10/2022	02.30 pm to 3.30 pm	
4	Prof. Y. R. Patil	14/10/2022	09.30 am to 10.30 am	
5	Prof. S. P. Gaikwad	14/10/2022	12.00 noon to 01.00 pm	
6	Prof.M.V.Kharade	15/10/2022	12.00 noon to 01.00 pm	
7	Shri.B.H.Patil	14/10/2022	02.30 pm to 3.30 pm	
		15/10/2022	09.30 am to 10.30 am	
8	Shri.R.B.Tate	15/10/2022	09.30 am to 10.30 am	
		15/10/2022	02.30 pm to 3.30 pm	
9	Shri. A.G.Patil	15/10/2022	12.00 noon to 01.00 pm	

Prof. R.H.Yadav
CIE In-Charge

Prof.S.M.Sheikh
HOD Mechanical Dept.

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Mechanical Engineering

CIE-I

Class: Final Year B. Tech **Semester: I** **Year: 2022-23**

Sr. No	Subject Name	Date of Examination	Time
1	Refrigeration & Air Conditioning	Friday, 14/10/2022	09.30 am to 10.30 am
2	Mechanical System Design	Friday, 14/10/2022	12.00 noon to 1.00 pm
3	Finite Element Analysis	Friday, 14/10/2022	02.30 pm to 03.30 pm
4	Automobile Engg. (EL-I)	Saturday,15/10/2022	09.30 am to 10.30 am
5	Industrial Product Design (EL-II)	Saturday,15/10/2022	12.00 noon to 1.00 pm

Prof. R.H.Yadav
CIE In-charge

Prof.S.M.Sheikh
HOD Mechanical

Continuous Internal Evaluation

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J. J. Magdum College of Engineering, Jaysingpur

Department of Mechanical Engineering

Date: 25/11/2022

Notice

All the Students of Mechanical Engineering Department are here by informed that **Continuous Internal Evaluation-I (CIE-II)** of Semester I of academic year 2022-23 for class **T.Y.B.Tech.and Final Tear B.Tech.** is scheduled on 2nd Decemberr 2022 and 3rd December2022. Attendance for CIE-II is Compulsory.

CIE will be of 30 Marks (OFFLINE MODE).

Time Table is displayed on Notice Board.

Prof. R.H.Yadav
CIE In-Charge

Prof.S.A.Patil
HOD Mechanical

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Mechanical Engineering

CIE-II

Class: TY.B.Tech. Semester: I Year: 2022-23

Sr. No	Subject Name	Date of Examination	Time
1	Control Engineering	Friday, 02/12/2022	09.30 am to 10.30 am
2	Theory of Machine – II	Friday, 02/12/2022	12.00 noon to 1.00 pm
3	Heat and Mass Transfer	Friday, 02/12/2022	02.30 pm to 03.30 pm
4	Open Elective -I	Saturday,03/12/2022	09.30 am to 10.30 am
5	Machine Design I	Saturday,03/12/2022	12.00 noon to 1.00 pm
6	Manufacturing Engineering	Saturday,03/12/2022	02.30 pm to 03.30 pm

Prof. R.H.Yadav
CIE In-charge

Prof.S.A.Patil
HOD Mechanical

Dr. J. J. Magdum Trust's (No. E/902)

Dr. J.J. Magdum College of Engineering, Jaysingpur

Department of Mechanical Engineering

CIE-II

Class: Final Year B. Tech **Semester: I** **Year: 2022-23**

Sr. No	Subject Name	Date of Examination	Time
1	Refrigeration & Air Conditioning	Friday, 02/12/2022	09.30 am to 10.30 am
2	Mechanical System Design	Friday, 02/12/2022	12.00 noon to 1.00 pm
3	Finite Element Analysis	Friday, 02/12/2022	02.30 pm to 03.30 pm
4	Automobile Engg. (EL-I)	Saturday,03/12/2022	09.30 am to 10.30 am
5	Industrial Product Design (EL-II)	Saturday,03/12/2022	12.00 noon to 1.00 pm

Prof. R.H.Yadav
CIE In-charge

Prof.S.A.Patil
HOD Mechanical

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Mechanical Engineering

CIE-I (2022-23) Sem-I

Attendance

Block No: 102 Block Strength: 20 Date: 15/10/22

Class : T.Y B Tech Div : A Subject: M/c Design

Roll No.	Signature	Roll No	Signature
01			
02			
03			
04			
05			
06			
07			
08			
09			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Total Block Strength:	Total Present Students:	Total Absent Students:
Supervisor Name & Sign :		

DR. J. J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Mechanical Engineering

CIE-I (2022-23) Sem-I

Attendance

Block No: 102 Block Strength: 29 Date: 21/11/22

Class: Final Year Div : —— Subject: RAC

Roll No.	Signature	Roll No	Signature
01		21	
02		22	
03		23	
04		24	
05		25	
06		26	
07		27	
08		28	
09		29	
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Total Block Strength: 29	Total Present Students: 28	Total Absent Students: 01
Supervisor Name & Sign :		

Dr. J. J. Magdum Trust's

Dr. J. J. Magdum College of Engineering, Jaysingpur.

Department of Mechanical Engineering

CIE-I (2022-23) Sem-I

Attendance

Block No: 102 Block Strength: 29 Date: 31/12/2022

Class : B-Tech. Div : — Subject: Acdo Engg

Roll No.	Signature	Roll No	Signature
01		21	
02		22	
03		23	
04		24	
05		25	
06		26	
07		27	
08		28	
09		29	
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Total Block Strength:	Total Present Students: 27	Total Absent Students: 02
Supervisor Name & Sign : Mr. Tate. R.B		

Continuous Internal Evaluation - II

Dr. J.J.Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Mechanical Engineering

Continuous Internal Evaluation - II

Class: T.Y. Div:- A Year: 2022-23 Sem: I

Subject: Enterprise Resource Planning (OE-I)

Date: 03-12-2022 Time: 09.30am to 10.30pm Max Marks: 30

Q1. Solve following MCQs (1 Mark Each) CO

1. Which is ERP technology 02,03
   a. Decision support systems
   b. ERP
   c. Finance
   d.none of above
2. BPR stands for 02,03
   a.Business process reengineering
   b.Business product reengineering
   c.Business Planning Recovery
   d.None of above
3. CAD/CAM is used widely in which industries 02,03
   a.Steel Industries
   b.Chemical Industries
   c.Pharmacy industries
   d.Acrospace and automotive
4. Close loop MRP is used for 02,03
   a.Material planning
   b.Manufacturing planning
   c.Planning of all resources of Manufacturing organization
   d.None of above
5. Distribution requirement planning is used for 02,03
   a.Product Data management
   b.Saving in logistics
   c.Cost analysis
   d.None of above
6. OLAP is used in 02,03
   a.Advertising
   b.Sales and marketing analysis
   c.Material planning
   d.All above

Q2. Attempt any 3 (8 Marks Each)

a.Discuss role of CAD/CAM in ERP 02,03

b.What is EIS (Executive Information System)? Discuss how it supports decisions at executive level? 02,03

c.What is supply chain? Discuss how SCM differ from logistic management. 02,03

d.What is Decision Support System? How it evolved? 02,03

Dr.J.J.Magdum Trusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Mechanical Engineering

Continuous Internal Evaluation - II

Class:Final Year B.Tech. Div:___ Year: 2022-23 Sem: I Subject: Auto. Engg.

Date: 03/12/2022 Time: 09.30 am to 10.30 pm Max Marks: 30

			Marks	CO
Solve following MCQs (1 Mark Each)				
Q. 1)	In which type of manual transmission, the double-declutching is used?		1	2,4
	a) Constant-mesh gearbox	b) Sliding mesh gearbox		
	c) Synchromesh gearbox	d) Epicyclical gearbox		
Q. 2)	In which of the gearbox all gears are always in contact?		1	2
	a) Constant-mesh gearbox	b) Sliding mesh gearbox		
	c) Synchromesh gearbox	d) Epicyclical gearbox		
Q.3)	What is the angle between the steering axis and the vertical in the plane of the wheel?		1	2,4
	a) Castor	b) Camber		
	c) Steering axis inclination	d) Kingpin inclination		
Q. 4)	What is a condition called when the vehicle will try to move away from its normal direction and to keep it on the right path there is need to steer a little?		1	2
	a. Irreversibility	b. Oversteer		
	c. Reversibility	d. Understeer		
Q. 5)	Which of the following are the functions of suspension system?		1	2
	a. prevents road shocks	b. transfers the driving torque to wheels		
	c. maintains the body level	d. all of above		
Q. 6)	The main feature of MacPherson strut suspension is that		1	2
	a. the vertical size of the suspension can be made more compact	b. the unsprung mass in lighter		
	c. the assembly is slightly more complicated in design	d. non-vertical external forces are supported by the suspension arms		
Attempt any 3 (8 Marks Each)				
Q. 1)	What is necessity of gear box? Explain constant mesh gear box with neat sketch		8	2,4
Q. 2)	Which are the main components of a steering system? Describe with simple sketch		8	2,4
Q. 3)	Explain Air suspension and explain bellow type and piston type springs. Also draw and explain schematic diagram showing the layout of an air suspension system.		8	2,4
Q. 4)	Explain the principle of correct steering angle with neat sketch		8	2,4

Dr.J.J.MagdumTrusts,

Dr. J .J. Magdum College of Engineering, Jaysingpur.

Department of Mechanical Engineering

Continuous Internal Evaluation - I

Class:B.tech Div: A Year: 2022-23 Sem: I Subject: Refrigeration & Airconditioning

Date: 14.10.2022 Time: 9.30am to 10.30am Max Marks: 30

		Mks	CO
Q. 1)	In SI unit, one ton of refrigeration is equal to A) 3.5 KJ/min B) 4.5 KJ/min C) 210KJ/min D) 410 KJ/min	1	1
Q. 2)	The vapour compression refrigerator employs the following cycle A) Rankine Cycle B) Reversed Rankine Cycle C) Carnot Cycle D) Reversed Carnot cycle	1	1
Q. 3)	During the refrigeration Cycle heat rejected by the refrigerant in a A) Evaporator B) Compressor C) Condenser D) Expansion Device	1	1
Q. 4)	A reversible engine has ideal thermal efficiency of 40%. When it is used as a refrigerating machine with all other conditions unchanged, the coefficient of performance will be A) 1.2 B) 2.2 C) 2.5 D) 1.5	1	2
Q.5)	Condensing temperature in a refrigerator is the temperature A)of cooling medium B)of freezing zone C)of evaporator D)at which refrigerant gas becomes liquid	1	1
Q. 6)	In a vapour compression system, the condition of refrigerant before passing through the condenser is (A) Saturated liquid B) Wet vapour (C) Dry saturated vapour (D) Superheated vapour	1	1

Solve Any Three (8 marks each)

01	Explain Vapour compression cycle and represent it on P-V , T-S Diagram	8	1
02	What are the different applications of refrigeration Discuss its comfort application in brief.	8	1
03	A Carnot refrigerator works on a reversed Carnot cycle. This unit requires 1.5Kw power for every 1TR of Refrigeration at -23°C 1. C.O.P. 2. Higher Temperature of Cycle 3. Heat rejected in Kj/min	8	4
04	Explain Limitations of and Modifications required in Reversed Carnot Cycle.	8	1

CIE - I

Refrigeration & Air conditioning

(Any three Q's each)

Roll No.	MCQ.	Q 1	Q 2	Q 3	Q 4	Total
	CO 1	1	1	4	1	
1	–	–	–	–	–	–
2	5	6	–	8	4	25
3	5	5	–	8	2	20
4	5	5	–	8	6	24
05 V.Patil	5	6	–	8	4	23
06	6	6	–	8	3	23
07	5	6	6	8	–	25
08	5	5	6	8	–	24
09	5	–	–	8	3	16
11	5	5	6	8	–	24
12	5	5	3	8	–	21
13	5	3	–	8	3	19
14	5	–	6	8	3	22
15	5	6	6	8	–	25
16	5	6	6	8	–	25
17	5	6	6	8	–	25
18	5	6	6	–	–	17
19	5	5	6	8	–	24
20	5	6	6	8	–	25
21	5	6	–	8	4	25
22	5	4	–	8	4	21
23	5	5	6	8	–	24
24	5	4	5	8	–	22
25	5	3	6	–	–	14
26	5	5	6	–	3	19
27	–	–	–	–	–	–
28	5	2	6	8	(2)	23
29	5	6	6	8	–	25

Name Varsha Sanjay Waingade 5-1-34-1843 (19)
Roll no - 18
Sub - Refrigeration and Air conditioning
class B Tech

Department of Mechanical Engineering

Q.① In SI unit one ton of refrigeration is equal to

→ 210 KJ/min

Q.② The vapor compression refrigerator employs the following cycle. → Reversed carnot cycle.

Q.③ During the refrigeration cycle Heat rejected by the refrigerant to a

→ condenser

Q.④ A reversible engine has ideal thermal efficiency of 40%. when it is used as a refrigeration machine with all other conditions unchanged, the coefficient of performance

→ 1.5

Q.⑤ condesing temp. in a refrigerator is the temp.

→ at which refrigerant gas becomes liquid.

Q.⑥ In vapour compression system the conditions of refrigerant before passing through the condenser is

→ Superheated vapour

05

① C.O.P
② Highest temperature of cycle
③ Heat rejected in kJ/min

→ Given
TR = 1 ton of the Refrigeration
= 3.5 kW
work input = W/P = 1.5 kW
RE = RF = 1 ton = 3.5 kJ/s

① C.O.P

$= \frac{RE}{W/P}$

$= \frac{3.5}{1.5}$

C.O.P = 2.3 kW

② Highest temperature of cycle
Refrig. temp. = -23° convert to Kelvin
= -23 + 273 = 250 K

$C.O.P = \frac{T_L}{T_H - T_L}$

$2.3 = \frac{250}{T_H - 250}$

$T_H - 250 = \frac{250}{2.3}$

$T_H - 250 = 108.69$

$T_H = 108.69 + 250$

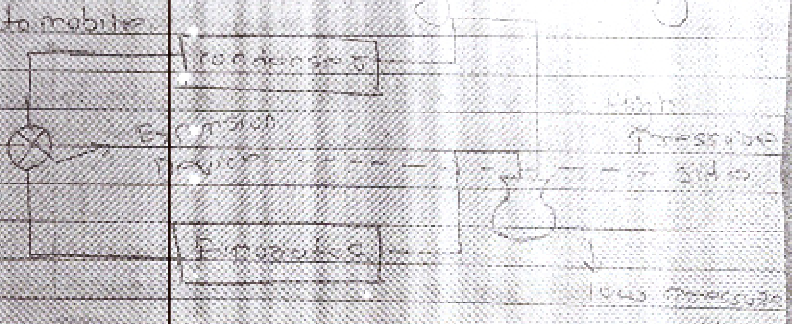
T_H = 358.69 K

③ Heat rejected in kJ/min
W/P = 1.5 kW = 1.5 × 60 = 90 kJ/min
RE = 3.5 kJ/s = 3.5 × 60 = 210 kJ/min
W/P = QR - RE
90 = QR - 210

90 + 210 = QR
QR = 300 kJ/min

Q8

Q.1 Vapour compression cycle
→
Vapour compression Refrigeration or vapour compression Refrigeration system in which the refrigerant undergoes phase change is one of the many refrigeration cycles and is the most widely used method for air conditioning of buildings and automobile.



As the refrigeration circulates through the system it is alternately compressed and expanded changing its state from a liquid to a vapor.
As the refrigerant changes state, Heat is absorbed and expelled by the system lowering the temperature of the conditioned space.

Q.2

The vapour compression Refrigeration cycle involves four components (compressor
② condenser
③ evaporator
④ valve, throttle valve

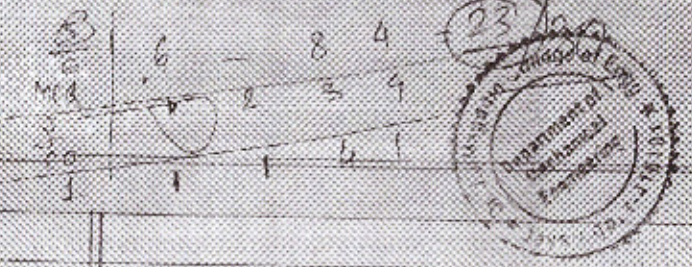
it is a compression process who aim is to raise the refrigerant pressure, as it flows on evaporator.

reversed carnot refrigeration cycle with liquefaction and vaporization of the refrigerant, there are two major drawbacks to the reversed carnot cycle, with phase changes refrigerant

- the adiabatic compression between two and three occurs in the liquid - vapour region which is called wet compression.
- all the reversible process are extremely slow while real machines work faster.

carnot cycle is totally reversible cycle which consistes of two reversible isothermal processes and two isentropic process.

it has the maximum efficiency for a given temp limit since it is a reversible cycle, all four processes can be reversed



Name: Shivraj S. Kadam
Roll NO: 02
Sub : RAC
Date : 14/10/22

Q1] 210 KJ/min

Q2] Reversed carnot cycle

Q3] Condenser

Q4] 1-5

Q5] At which refrigerant gas become liquid.

Q6] Super heated vapour

(1)

→ Limitations of and modifications requ[illegible] in Reversed carnot cycle. So even reversed carnot cycle does consist [illegible] limitations of reversed carnot cycle.

- The application of isentropic & isothermal processes back to back impossible because in the isentropic process, the pressure increases fastly which requires a high speed & in the isothermal process the pressure increases slowly which requires low speed so achiving high & slow process back to back is impossible in real life.

- Another side the addition & rejection of heat at constant temp. are impossible because whenever heat is added to any source the temperature will be incresed usally which is impossible to restrict.

So, according to limitations of reversed carnot cycle we can conclude that the construction of reversed carnot cycle is impossible in real life.

(3)

→ Given:

1 ton = 3.5 KW

work input = W/P = 1.5 KW

Q_A = R.E = 1ton = 3.5 KJ/s

(1) COP = $\frac{Q_A}{W/P}$

= $\frac{3.5}{1.5}$

COP = 2.3 KW ✓

(2) Higher temp of cycle

Refrigeration temp = -23°C

= -23 + 273 = 250 K

= 250 Kelvin

COP = $\frac{T_L}{T_H - T_L}$

2.3 = $\frac{250}{T_H - 250}$

T_H - 250 = 108.69

T_H = 108.69 + 250

T_H = 358.69 K ✓

08

② Heat rejected in kJ/min

$W_{i/p} = 1.5\ kW = 1.5 \times 60 = 90\ kJ/min$

$Q_A = 3.5\ kJ/s = 3.5 \times 60 = 210\ kJ/min$

$W_{i/p} = Q_R - Q_A$

$90 = Q_R - 210$

$90 + 210 = Q_R$

$Q_R = 300\ kJ/min$

① Vapour compression cycle

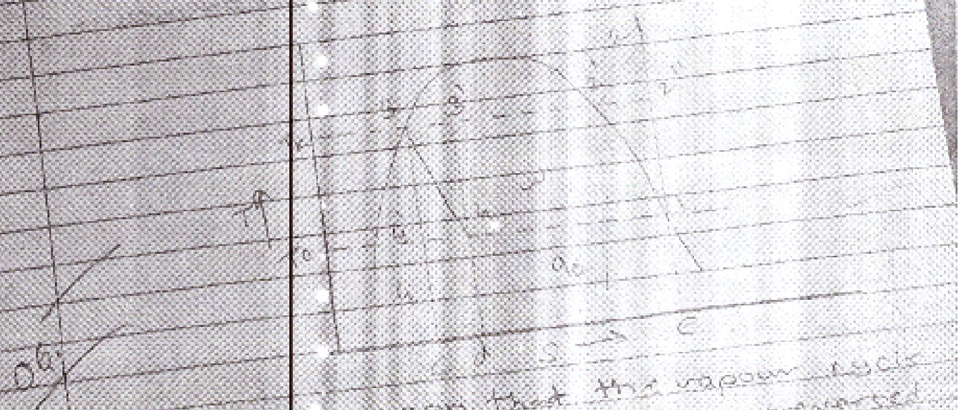
The cycle with the above two modifications is named as vapour compression cycle & because of its high index of performance & its most widely used in commercial refrigeration system complete vapour compression cycle is also presented. A comparison of the vapour cycle 1-2-3-4 with the reversed carnot cycle 1-2'-3-4' operating between the same temp. limits of T_R & T_0.

In the vapour compression cycle

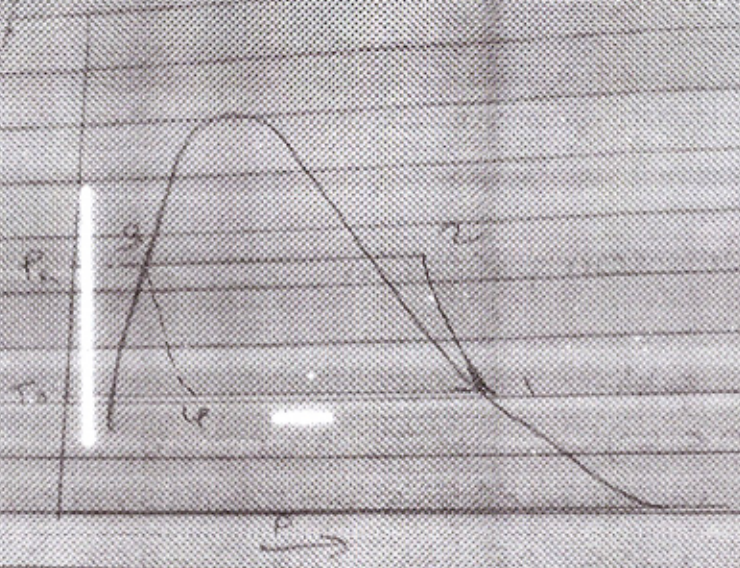
Refrigeration heat, q_0 = area 1-4-b-d-e-1

heat rejected, q_K = area 2-2'-3-c-e

work done, $w = q_K - q_0$ = area 1-2-2'-3-c-d-4-1



It may be seen that the vapour cycle presents three deviation from reversed carnot cycle as indicated below



① Area 4-4'-c-d representing a loss of the refrigerant effect Δq_0 as a result of throttling.

② Area 4-4'-c-d also representing loss of positive work Δw_0 resulting from failure to recover expansion work. It can be shown that areas 4-4'-c-d & 3-f-4' are the same.

③ Area 2-2'-2'' of superheat horn represents an increase of negative work Δw_c as result of dry compression.

Dr. J.J. Magdum College of Engineering

Jaysingpur

CIE-II

Department of Mechanical Engineering

Class: TY B.Tech. Semester: II Year: 2022-23

Sr. No	Subject Name	Date of Examination	Time
1	Industrial Management and Operations Research	Thursday, 11/05/2023	10.00 am to 11.00 am
2	Industrial Fluid Power	Thursday, 11/05/2023	12.00 noon to 1.00 pm
3	Metrology and Quality Control	Thursday, 11/05/2023	02.30 pm to 03.30 pm
4	Computer Aided Design and Manufacturing (Open Elective-II)	Friday, 12/05/2023	10.00 am to 11.00 am
5	Machine Design – II	Friday, 12/05/2023	12.00 noon to 1.00 pm
6	Internal Combustion Engines	Friday, 10/03/2023	02.30 pm to 03.30 pm

Prof. R.H.Yadav
CIE In-charge

Prof.S.A.Patil
HOD Mechanical

JAYSINGPUR

Dr. J.J. Magdum College of Engineering

Jaysingpur

Department of Mechanical Engineering

Class: Final Year B. Tech Semester: II Year: 2022-23

Sr. No	Subject Name	Date of Examination	Time
1	Mechatronics	Thursday, 11/05/2023	10.30 am to 11.40 am
2	Energy and Power Engineering	Thursday, 11/05/2023	12.00 noon to 1.10 pm
3	Noise and Vibration	Thursday, 11/05/2023	02.30 pm to 03.40 pm
4	Industrial Engineering (EL-III)	Friday, 12/05/2023	10.00 am to 11.10 am
5	Industrial Automation & Robotics (EL-IV)	Friday, 12/05/2023	12.00 noon to 1.10 pm

Prof.R.H.Yadav
CIE Incharge

Prof.S.A.Patil
HOD Mechanical

DR. J.J. MAGDUM COLLEGE OF ENGINEERING JAYSINGPUR