



Holy-wood Academy, Kolhapur's

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE

Sanjeevan Knowledge City, Somwar Peth- Injole, Panhala, Tal. Panhala, Dist. Kolhapur

Pin- 416 201. (Maharashtra) Phone : 0231 - 2686600, 21 Fax : 0231 - 2686629

▪ *Approved By AICTE, New Delhi* ▪ *Recognized by Govt. of Maharashtra & DTE* ▪ *Affiliated to Dr. Babasaheb Ambedkar Technological University, Raigad (DBATU).*

Website : www.seti.edu.in Email : principal@seti.edu.in / office@seti.edu.in

EN 6315

Criteria 1: Curricular Aspects Academic Year: 2021-22

Metric	Document title
1.1.2 (Qlm)	Academic Calendar highlighting CA1,CA2,MSE dates
	Time table of CA1,CA2,MSE
	Sample question paper and answer sheet/online exam summary



DEPARTMENT OF BASIC SCIENCES AND HUMANITIES DEPARTMENT

Academic Calendar Odd Semester (Academic Year - 2021-2022)

SEMESTER I

Month	Week No.	Week Days							No. of working days	Events	
		MON	TUE	WED	THUR	FRI	SAT	SUN			
December	1			1	2	3	4	5	3		
	2	6	7	8	9	10	11	12	6		
	3	13	14	15	16	17	18	19	5	13th Dec to 24th Dec - Induction Program_FY	
	4	20	21	22	23	24	25	26	5	25th Dec - Christmas Day	
	5	27	28	29	30	31			5	27th Dec - Commencement of Classes_FY	
January	6						1	2	0		
	7	3	4	5	6	7	8	9	6		
	8	10	11	12	13	14	15	16	4	14th Jan - Makar Sankranti	
	9	17	18	19	20	21	22	23	6		
	10	24	25	26	27	28	29	30	6	28 JAN - CA 01	
	11	31							1		
February	12		1	2	3	4	5	6	4		
	13	7	8	9	10	11	12	13	6		
	14	14	15	16	17	18	19	20	5	19th Feb - Shivaji Maharaj Jayanti	
	15	21	22	23	24	25	26	27	6	21st Feb to 25th Feb - Mid Semester Examination FY	
	16	28							1	28 Feb - Guest Lecture	
March	17		1	2	3	4	5	6	3	01st March - Mahashivratri	
	18	7	8	9	10	11	12	13	6		
	19	14	15	16	17	18	19	20	4	18th March - Dhulivandan	
	20	21	22	23	24	25	26	27	6		
	21	28	29	30	31				4		
April	22					1	2	3	1		
	23	4	5	6	7	8	9	10	6	5 April - CA 02	
	24	11	12	13	14	15	16	17	3	11 April - End of Classes, 12 April To 24 April - Practical Exam	
	25	18	19	20	21	22	23	24			
	26	25	26	27	28	29	30			26 April To 10 May - End Semester Exam	
May	27							1			
	28	2	3	4	5	6	7	8		26 April To 10 May - End Semester Exam	
	29	9	10	11	12	13	14	15			
	30	16	17	18	19	20	21	22		16 may - Budha pornima , 17 May- Commencement of Next Semester , 20 May Result	
	31	23	24	25	26	27	28	29			
Govt. Holiday		Activities			Unit Test / MSE						

Prepared by Prof.Na.G.Khan

HOD Prof.N.B.Tharkar H.O.B.

Holiday Dr.Mohan B.Vanarotti

Department of Basic Sciences and Humanities



SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
 Sanjeevan Engineering & Technology Institute, Sanjeevan Road, Sanjeevan, Pune - 411 004
 Phone: 020-2611 0001 (Sanjeevan) Phone: 020-2611 0002 (Sanjeevan) Website: www.sanjeevan.edu.in

DEPARTMENT OF BASIC SCIENCES AND HUMANITIES DEPARTMENT
Academic Calendar Even Semester (Academic Year - 2021-2022)
SEMESTER II

Month	Week No.	Week Days							No. of working days	Events	
		MON	TUE	WED	THUR	FRI	SAT	SUN			
MAY	9										
	10	2	1	4	5	6	7	8	1	0	1 - Maharashtra Day
	11	9	10	11	12	13	14	15	6	4	3 - Ramzan Eid, FY Commencement of Classes
	12	16	17	18	19	20	21	22	6	4	
	13	23	24	25	26	27	28	29	6	4	16 - Buddha Pournima
	14	30	31						2	6	
JUNE	15			1	2	3	4	5	3	3	3 June - CA 01
	16	6	7	8	9	10	11	12	6	6	6 to 11 Exam form filling for Regular & Supplementary Examinations
	17	13	14	15	16	17	18	19	5	5	13 to 17 - Exam form filling for Regular & Supplementary Exam with late fees
	18	20	21	22	23	24	25	26	6	6	20 June To 24 June - MSE Exam
	19	27	28	29	30				4	4	27 JUNE - Guest Lecture
	20					1	2	3	1	6	
JULY	21	4	5	6	7	8	9	10	5	5	15 JULY CA 02
	22	11	12	13	14	15	16	17	5	5	22 - End of Classes
	23	18	19	20	21	22	23	24	6	6	27 to 30 - Practical Exam.
		25	26	27	28	29	30	31	5	5	4 aug - End of Classes, 5 aug To 10 aug - ESE Exam or Supplementary Exam
									9	9	9 - Muharram
AUGUST		1	2	3	4	5	6	7	15	15	15 - Independence Day 16 - Parsi New Year
		8	9	10	11	12	13	14			
		15	16	17	18	19	20	21			
		22	23	24	25	26	27	28			
		29	30	31							29 aug - Result Declaration, 31 - Shri Ganesh Chaturthi, 1 Sep - Commencement of Next semester classes
									74		

Govt. Holiday	Activities	Unit Test	Holiday
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Prepared by
Prof. Na. G. Khan

HOD
Prof. N. B. Tharkar

Principal
Dr. Mohan B. Vanarotti

H. O. D.
Department of
Basic Sciences and Humanities

Date-02/02/2022

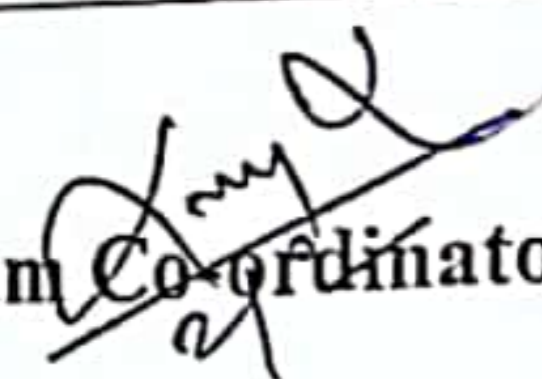
Time Table (CA-1)

F.Y. B.Tech

Sem -I

A.Y.2021-22

Sr No.	Date	Time	Subject	
			Div B & Div C	Div A
1	07/02/2022	10 to 10.30	Engg. Chemistry	Engg. Physics *
		11.00 to 12.00	Engg. Maths I	Engg. Maths I *
		12.30 to 1.00	CPC	EEE *
		2.00 to 2.30	Engg. Mechanics	Comm. skills
2		3.00 to 4.00	-----	Engg. Graphics

Exam Co-ordinator 


 H.O.D. 02/02/2022

VSP CH ..
 Ni.GK AK
 ASK- ASK
 ABC- AK
 SSK AK
 RVU AK
 Na.GK- AK
 A.B.K AK
 21/2/22

Holy-wood Academy, Kolhapur's

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Date-23/02/2022

Time Table (MID-SEM exam)

A.Y. 2021-22

F.Y. B.Tech Sem-I

Sr No.	Date	Time	Subject	
			Div B & C	Div A
1	03/03/2022	10 to 11	Engg. Chemistry <i>GH</i>	Engg. Physics <i>GH</i>
		2.30 to 3.30	Engg. Maths I <i>GH</i>	Engg. Maths I <i>GH</i>
2	04/03/2022	10 to 11	CPC <i>GH</i>	Comm. skills
		12.30 to 1.30	Engg. Mechanics <i>GH</i>	EEE <i>GH</i>
		3.00 to 4.20	-----	Engg. Graphics

Exam Co-ordinator

(Dr. S.S. Patil)

H.O.D.

Date-25/03/2022


Time Table (CA-II)

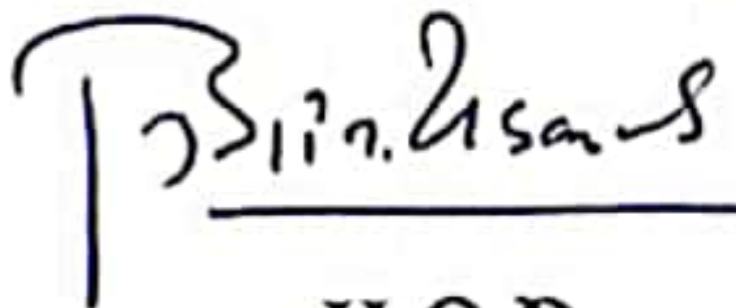
F.Y. B.Tech

Sem -I

A.Y.2021-22

Sr No.	Date	Time	Subject	
			DivB&Div C	DivA
1	05/04/2022	10 to 10.30	Engg. Chemistry	Engg. Physics
		11.00 to 12.00	Engg. Maths I	Engg. Maths I
		12.30 to 1.00	CPC	EEE
2		2.00 to 2.30	Engg. Mechanics	Comm. skills
		3.00 to 4.00	3 to 3:30- BEE 3:30 to 4:00- BEXE	Engg. Graphics


Exam Co-ordinator


H.O.D.

Date-14/06/2022

Time Table (CA-I)

F.Y. B.Tech

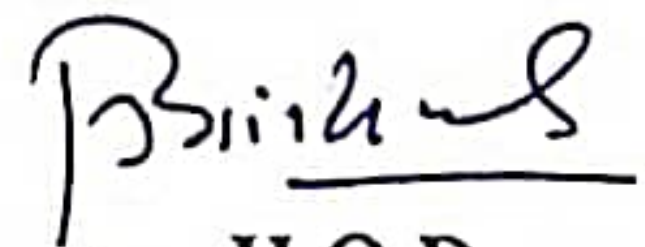
Sem -II

A.Y.2021-22

Sr No.	Date	Time	Subject	
			DivB&Div C	DivA
1	21/06/2022	10 to 10.30	Engg. Physics	Engg. Chemistry
		11.00 to 12.00	Engg. Maths II	Engg. Maths II
		12.30 to 1.00	EEE	CPC
2	21/06/2022	2.00 to 2.30	Comm. skills	Engg. Mechanics
		3.00 to 4.00	Engg. Graphics	



Exam Co-ordinator



H.O.D.

H.O.D.

**Department of
Basic Sciences and Human Resources**



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Date-30/06/2022

Time Table (MID-SEM exam)

F.Y. B.Tech Sem -II

A.Y 2020-21

Sr No.	Date	Time	Subject	
			Div A	Div B & C
1	04/07/2021	10 to 11	Engg. Chemistry	Engg. Physics
		2.30 to 3.30	Engg. Maths II	Engg. Maths II
2	05/07/2021	10 to 11	CPC	Comm. skills
		12.30 to 1.30	Engg. Mechanics	EEE
		3.00 to 4.20	-----	Engg. Graphics

Exam Co-ordinator

H.O.D.
Department of
Basic Sciences and Humanities



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Date-18/07/2022

Time Table (CA-II) (Online mode)

F.Y. B.Tech

Sem -II

A.Y.2021-22

Sr No.	Date	Time	Subject	
			Div B&Div C	Div A
1	25/07/2022	10 to 10.30	Engg. Physics	Engg. Chemistry
		11.00 to 12.00	Engg. Maths II	Engg. Maths II
		12.30 to 1.00	EEE	CPC
2		2.00 to 2.30	Comm. skills	Engg. Mechanics
		3.00 to 4.00	Engg. Graphics	3.00 to 3.30- BEE

Note : Online link will be sent at the respective time of the exam.

Exam Co-ordinator

H.O.D.
H.O.D.

Department of
Basic Sciences and Humanities

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Continuous Assessment-I Examination – 2021-22

Course: F.Y. B. Tech (Chem Group)

Sem: I

Subject Name: Engineering Chemistry

Subject Code: BTBS102

Max Marks: 10

Date: -07/02/2022

Duration: - 1/2 Hr.

Instructions: Attempt all multiple choice questions

Roll No:		PRN No.		Marks
Name of Student:				

Q.1 Pick the correct answer of choices given:

1)	Permanent hardness is also known as ----- a) Carbonate hardness c) Total hardness	b) Non- carbonate hardness d) None of above	
2)	A non-condensable gas is found a) Above the critical point c) On the critical point	b) Below the critical point d) None of the mentioned	
3)	According to condensed phase rule at eutectic point system is ---- a) Invariant b) Bivariant c)Both d)None		
4)	Hardness of water is mainly due to --- and --- salts . a)Zinc and Iron c) Calcium and magnesium	b) Carbonate and non carbonate d) Nitrates and sulphates	
5)	In water system at triple point the system is----- a)Uni variant b) Bivariant c) Invariant d) None of above		
6)	What is the degree of freedom of a system with 3 phases and 5 components? a)4 b)3 c)2 d)1		
7)	III effects of scale formation in boilers are ----- . a) Wastage of fuel c) Lowering safety of boilers	b) Overheating of boilers d) All of above	
8)	The correct phase rule expression for Ag – Pb system is -----. a) $F = C - P + 2$ b) $F = C - P + 1$ c) $F = 3 - P$ d) None of above		
9)	Indicator used in EDTA method method to determine hardness of water is --- a) Thymol blue c) Eriochrome black T	b) Alizarin Yellow R d) Bromocresol red	
10)	What is the degree of freedom of a system with 2 phases and 1 component? a)4 b)3 c)1 d)2		

*** End ***

Holywood Academy's
 SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA
 BASIC SCIENCES AND HUMANITIES DEPARTMENT
 CONTINUOUS ASSESSMENT TEST - I

Class : F.Y. (Div A)

Date : 07/02/2022

Time : 11.00 am To 12.00 noon

Name of Student: _____

PRN / Roll No.: _____

Subject: Engineering Mathematics -I (BTBSC101)

Marks : 20 Marks

INSTRUCTIONS: 1) Solve any five. 2) Use nonprogrammable Calculator only.

Q. No.	Question	Marks	CO	PO
1	Find the rank of matrix $A = \begin{bmatrix} 1 & 1 & -1 & 1 \\ 1 & -1 & 2 & -1 \\ 3 & 1 & 0 & 1 \end{bmatrix}$	04	1	2
2	Test the consistency and solve $2x - 3y + 7z = 5$, $3x + y - 3z = 13$ $2x + 19y - 47z = 32$	04	1	2
3	For what values of k the following system of equations have non trivial solution $x + y + 3z = 0$, $4x + 3y + kz = 0$, $2x + y + 2z = 0$	04	1	2
4	Find the Eigen values and Eigen vector for largest Eigen value for the matrix $A = \begin{bmatrix} 1 & 1 & 3 \\ 1 & 5 & 1 \\ 3 & 1 & 1 \end{bmatrix}$	04	1	2
5	Verify Cayley Hamilton Theorem for the matrix $A = \begin{bmatrix} 1 & 2 \\ 2 & -2 \end{bmatrix}$ And hence find A^{-1} .	04	1	2
6	Using Gauss Jordan Method find A^{-1} for $\begin{bmatrix} 2 & 1 & -1 \\ 0 & 2 & 1 \\ 5 & 2 & -3 \end{bmatrix}$	04	1	2

*****BEST OF LUCK*****



Instructions to the Students:

- All questions are compulsory
- Figures to right indicate full marks
- Illustrate your answers with neat sketches, diagrams etc. whenever necessary

	(Level/CO)	Marks
Q.1		6
1. _____ is the study of use of time in non-verbal communication a. Chronemics b. Paralinguistics c. Haptic d. Oculesics	Remember	
2. The Definitive meaning of a word is called _____ a. Connotative b). Denotative c. Definition d. Abstract	Remember	
3. Which of these are vital for any organisation? a) Debates b) Group discussions c) Speeches d) Arguments	Remember	
4. _____ is related with eye contact. a. Gestures b. Proxemics c. Kinesics d. Oculesics	Remember	
5. 'Extempore' means _____ a. A group discussion by many people b. A stage performance of speech done without preparation of any kind c. Elocution Speech which is performed by full preparation d. Presentation by using audio visual aids	Remember	
6. _____ is called technical language in communication a. Elocution b. Syntax c. Proxemics d. Jargon	Remember	
Q.2 Solve Any Two of the following.		3 X 2
(A) Which are the techniques of effective listening	Understand	
(B) Explain the major hurdles in developing efficient reading skill	Understand	
(C) Ways to communicate effectively in the Workplace	Understand	
Q.3 Solve Any One of the following.		1 X 8
(A) Explain Various Barriers to Communication	Understand	
(B) Draw a figure of 'Functions of Communication' and provide explanations of each component	Understand	

Sem II

Academic Year: 2021-2022

Subject Name: Engineering Mechanics

Subject Code: BTES103

Max Marks: 20

Date: -05/07/2022

Time: 12:30 to 01:30 pm

		Marks
Q 1	Attempt following Questions	6
	<p>1. Three forces acting on a rigid body are represented in magnitude, direction and line of action by the three sides of a triangle taken in order. The forces are equivalent to a couple whose moment is equal to _____</p> <p>a) Area of the triangle b) Twice the area of the triangle c) Half the area of the triangle d) None of these</p>	
	<p>2. For the conditions of the equilibrium of the body, i.e. the rigid body only the external forces defines the equilibrium. Because the internal forces cancels out so not to be considered.</p> <p>a) The first part of the statement is false and other part is true b) The first part of the statement is false and other part is false too c) The first part of the statement is true and other part is false d) The first part of the statement is true and other part is true too</p>	
	<p>3. A force is developed by a support that not allows the _____ of its attached member:</p> <p>a) Translation b) Rotation c) Addition d) Subtraction</p>	
	<p>4. The co-efficient of friction depends upon _____</p> <p>a) nature of surfaces b) area of contact c) shape of the surfaces d) none of these</p>	
	<p>5. A couple moment is developed when _____ of the attached member is prevented.</p> <p>a) Translation b) Rotation c) Addition d) Subtraction</p>	
	<p>6. Which of the following is not a type of support for beam?</p> <p>a) Fixed b) Flexible c) Simple d) Roller</p>	

Course: F.Y. B. Tech (Chem Group)
Subject Name: Engineering Chemistry
Max Marks:10

Sem: II
Subject Code: BTBS102
Duration:- 1/2 Hr.

Date:-21/06/2022

Instructions: Attempt all multiple choice questions

Roll No:		PRN No.		Marks
Name of Student:				

Pick the correct answer of choices given:

Which of following is not a term in Gibbs phase rule. a) Degree of ionization b) Degree of freedom c) Phases d) Components	
Representation of the different phase of a compound on a two or three dimensional graph is a) Block diagram b) Equilibrium diagram c) Phase diagram d) None of the mentioned	
Mixture (solution) of water and alcohol is considered as ----phase where as of water and oil as ----- phase. a) One, Two b) Two, one c) Uniform, separate d) All of above	
Ion exchange method is known as ----- . a) Zeolite b) Osmosis c) Demineralisation d) Neutralisation	
In phase diagram for one component system along curve, ----- phases exist in equilibrium. a) All b) None c) Two d) All of above	
Salts causing ----- hardness are treated by soda. a) Non carbonate b) Temporary c) Permaantent d) All of above	
In EDTA titration , the addition of buffer solution maintains – a) Alkalinity b) Acidity c) pH d) Neutrality	
The permitted hardness of water for low pressure boilers is -- . a) 25- 50 ppm b) 10-25 ppm c) 0-2 ppm d) None of the above	
Metal-EBT complex is ----- . a) Blue coloured b) Wine red coloured c) Pink coloured d) Colourless	
What is the number of phases in a system with 2 degrees of freedom and 2 components? a)1 b)3 c)4 d)2	

*** End ***



DY. BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, LONERE.

Sanjeevan Engineering & Technology Institute, Panhala

MID SEMESTER EXAM SEM-II

CLASS: E.E. Div B & C

MARKS: 20

SUBJECT: E.E.

DATE & Time : 05/07/2022

Instructions:

a) All questions are compulsory.

1. Explain with neat sketch working of steam power plant. (Marks 8)

2. Write short note on (any two) Marks 6

Solar energy

Wind energy

Tidal energy

Bio mass energy

3. Differentiate between renewable energy sources and non renewable energy sources. (Marks 6)



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Date-18/07/2022

Time Table (CA-II) (Online mode)

F.Y. B.Tech

Sem -II

A.Y.2021-22

Sr No.	Date	Time	Subject	
			DivB&Div C	DivA
1	25/07/2022	10 to 10.30	Engg. Physics	Engg. Chemistry
		11.00 to 12.00	Engg. Maths II	Engg. Maths II
		12.30 to 1.00	EEE	CPC
2		2.00 to 2.30	Comm. skills	Engg. Mechanics
		3.00 to 4.00	Engg. Graphics	3.00 to 3.30- BEE

Note : Online link will be sent at the respective time of the exam.

Exam Co-ordinator

H.O.D.
H.O.D.

Department of
Basic Sciences and Humanities

Academic Calendar Even Semester (Academic Year - 2021-2022)

Month	Week No.	Week Days							No. of working days	Events
		MON	TUE	WED	THUR	FRI	SAT	SUN		
MARCH			1	2	3	4	5	6		
		7	8	9	10	11	12	13		
	1	14	15	16	17	18	19	20	4	14 - Commencement of Classes 18 - Dhulivandan, Reporting of Students and Batches formation
	2	21	22	23	24	25	26	27	6	23 to 26 - Sports Week, Field Training Seminar
APRIL	3	28	29	30	31				4	28 - Declaration of Result for Odd Sem
	4					1	2	3	1	2 - Gudhi Padwa
	5	4	5	6	7	8	9	10	6	Final Year Project Presentaion
	6	11	12	13	14	15	16	17	3	14 - Ambedkar Jayanti 15 - Good Friday
	7	18	19	20	21	22	23	24	6	18 & 19 - CA1 Examination, Guest Lecture, CA-1
	8	25	26	27	28	29	30		6	25 to 30 - Annual Social Gathering Parikramaa / Convocation
	9							1	0	1 - Maharashtra Day
	MAY	10	2	3	4	5	6	7	8	4
11		9	10	11	12	13	14	15	6	12 to 14 - Mid Sem Examination
12		16	17	18	19	20	21	22	4	16 - Buddha Pournima, MSE
13		23	24	25	26	27	28	29	6	Final Year Project Presentaion
14		30	31						2	FDP, Extracurricular Activity
JUNE	15			1	2	3	4	5	3	Industrial/ Field Visit
	16	6	7	8	9	10	11	12	6	6 to 11 Exam form filling for Regular & Supplementary Examinations
	17	13	14	15	16	17	18	19	5	16 & 17 - CA2 Examination 13 to 17 - Exam form filling for Regular & Supplementary Exam with late fees
	18	20	21	22	23	24	25	26	6	CA-2, NAAC Work Review Meeting
	19	27	28	29	30				4	
JULY	20					1	2	3	1	Final Year Project Presentaion
	21	4	5	6	7	8	9	10	6	
	22	11	12	13	14	15	16	17	5	Submission Work
	23	18	19	20	21	22	23	24	5	22 - End of Classes
		25	26	27	28	29	30	31		25 to 30 - Practical/Project/Seminar Exam 26 to 31 - Uploding marks To University Portal
AUGUST		1	2	3	4	5	6	7		1 to 30 - Submission of M.Tech. Dissertation
		8	9	10	11	12	13	14		9 - Muharram
		15	16	17	18	19	20	21		15 - Independence Day 16 - Parsi New Year
		22	23	24	25	26	27	28		STTP
		29	30	31						31 - Shri Ganesh Chaturthi
									99	Commencement of Classes for Next semester 20th September 2022
Govt. Holiday		Activities			Unit Test			Holiday		

Prepared by
 Prof. J. J. Gavade

Principal
 Dr. Mohan B. Vanarotti



Holy wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
 Sanjeevan Knowledge City, Sonwar Pathingole, Panhala, Tal. Panhala, Dist. Kolhapur (M)
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 Website: www.seti.edu.in Email: principal@seti.edu.in

Academic Calendar Odd Semester (Academic Year - 2021-2022)

Month	Week No.	Week Days							No. of working days	Events
		MON	TUE	WED	THUR	FRI	SAT	SUN		
September	0			1	2	3	4	5		
	0	6	7	8	9	10	11	12		
	1	13	14	15	16	17	18	19	3	15th Sept - Commencement of Classes - SY_TY_B.tech_UG & PG
	2	20	21	22	23	24	25	26	6	Reporting of Students and Batches formation
October	3	27	28	29	30				4	Field Training Seminar
	4					1	2	3	1	02nd Oct - Mahatma Gandhi Jayanti
	5	4	5	6	7	8	9	10	6	Project Group Formation And Guide allotment
	6	11	12	13	14	15	16	17	4	15th Oct - Dasara
	7	18	19	20	21	22	23	24	5	19th Oct - Id-E-Milad
	8	25	26	27	28	29	30	31	6	CA-I, Guest Lecture
November	9	1	2	3	4	5	6	7	3	4th Nov to 6th Nov - Diwali
	10	8	9	10	11	12	13	14	6	Faculty Development Program,
	11	15	16	17	18	19	20	21	4	19th Nov - Guru Nanak Jayanti
	12	22	23	24	25	26	27	28	6	15th Nov to 24th Nov - Mid Semester Examination
	13	29	30						2	NAAC Work Review meeting, MSE
December	14			1	2	3	4	5	3	
	15	6	7	8	9	10	11	12	6	Industrial, Field Visit
	16	13	14	15	16	17	18	19	5	13th Dec to 24th Dec - Induction Program_FY
	17	20	21	22	23	24	25	26	5	20th Dec - Commencement of Classes_DSY 25th Dec - Christmas Day
	16	27	28	29	30	31			5	27th Dec - Commencement of Classes_FY
January	17						1	2	0	CA-II for TY & Final Year/ CA-I for SY
	18	3	4	5	6	7	8	9	6	Seminar/ Project Presentation
	19	10	11	12	13	14	15	16	4	13th Jan - End of Classes 14th Jan - Makar Sankranti
	20	17	18	19	20	21	22	23	6	Submission work, Marks Filling/ Upload
	21	24	25	26	27	28	29	30	6	
	22	31							1	
February	23		1	2	3	4	5	6	4	Survey Project
	24	7	8	9	10	11	12	13	6	Survey Project
	25	14	15	16	17	18	19	20	5	19th Feb - Shivaji Maharaj Jayanti, MSE
	26	21	22	23	24	25	26	27	6	21st Feb to 25th Feb - Mid Semester Examination 26th Feb - End of Classes_DSY
	27	28								CA-II for SY, Marks Filling/ Upload
March	28		1	2	3	4	5	6		01st March - Mahashivratri
	29	7	8	9	10	11	12	13		STTP
	30	14	15	16	17	18	19	20		18th March - Dhulivandan
	31	21	22	23	24	25	26	27		
	32	28	29	30	31					

Govt. Holiday	Activities	Unit Test / MSE	Holiday
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J. J. Gavade
 Prepared by
 Prof. J. J. Gavade

Mohan B. Vanarotti
 Principal
 Dr. Mohan B. Vanarotti



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EN 6315

DEPARTMENT OF CIVIL ENGINEERING

NOTICE

CA - I

S.Y (SEM-IV)

Date -09/05/22

The CA-I test for S.Y scheduled on 18th May 2022. In regard all the staff here by informed that , they have to submit their CA-I TEST question paper hard copy 2 set Exam co-ordinator on or before 12th May 2022 till 4 pm, otherwise they have to make Xerox set with number of student & submit to Exam co-ordinator


Prof. A. C. Thoke

Exam co-ordinator

1 EPS



2 SSC



3 AND



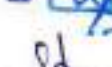
4 AMM




5 JIG



6 SMS




Prof. J.S. Mehekari

Civil Engineering

HOD, Civil

Sanjeevan Engineering and Technology Institute
Somwar Peth, Panhala, Dist. Kolhapur. (416 201)

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CA-I TIME TABLE 2021-2022		
DATE	TIME	S.Y.
18/05/22	10:00AM To 10.30AM	SM-I
	10:40AM To 11:10AM	HYD-II
	11:20AM To 11:50AM	WRE
	12:00 To 12:30PM	EE
	2:15PM To 2:45PM	EG
	3:00PM To 3:30PM	BPD


Dept. Exam. Incharge


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DEPARTMENT OF CIVIL ENGINEERING

CA-I TIME TABLE 2021-2022

SEATING ARRANGEMENT

DATE	CLASS	A106	A108 (PH)
18/05/22	S.Y.	1 To 35	36 To 70

Dept. Exam. Incharge

HOD
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DEPARTMENT OF CIVIL ENGINEERING

CA-I (S.Y.) TIME TABLE 2021-2022			
SUPERVISION CHART			
DATE	TIME	A106	A109 (DH)
18/05/22	10:00AM To 10.30AM	Prof. Chavan S.S.	Prof. Gavade J.J.
	10:40AM To 11:10AM	Prof. Chavan S.S.	Prof. Gavade J.J.
	11:20AM To 11:50AM	Prof. Salokhe E.P.	Prof. Dhende A. N.
	12:00 To 12:30PM	Prof. Salokhe E.P.	Prof. Dhende A. N.
	2:15PM To 2:45PM	Prof. Chavan S.S.	Prof. Dhende A. N.
	3:00PM To 3:30PM	Prof. Salokhe E.P.	Prof. Shinde S.M.


 Dept. Exam. Incharge


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 AND - 
 SSC - 
 AMM - 
 S.M.S - 

- Instructions:** – 1. All questions are compulsory.
2. Write option of answer in Ans column

Q. No	Question	Ans	CO	PO	M
1	_____ is the built-up covered area of a building measured at floor level of any story. a) Covered area b) Carpet area c) Total area d) Plinth area		1	1	
2	_____ area of a building is the area of verandahs, passage, corridors, balconies, porches, etc. a) Floor area b) Horizontal circulation area c) Vertical circulation area d) Verandah area		1	1	
3	_____ of building is the useful area or liveable area or lettable area. This is the total floor area minus the circulation area, verandahs, corridors, passages, staircase, lifts, entrance hall, etc. minus other non-usable areas. a) Plinth area b) Floor area c) Carpet area d) Circulation area		1	1	
4	The placing of various rooms or units of a structure in proper correlation of their functions and in due proximity with each other is known as _____. a) Aspect b) Prospect c) Circulation d) Grouping		1	1	
5	What is the level below window called? a) Pane level b) Lintel level c) Sill level d) Plinth level		1	1	
6	Which is not a type of building? a) Educational Building b) Mercantile Building c) Institutional Building d) Domestic building		1	1	
7	Which is not included in building codes? a) Mechanical integrity b) Safety c) Providing employment d) Structural integrity		1	1	
8	Which among the following is not a principle of planning?*		1	1	
9	Green building practices include a) Only energy efficiency. b) Only recycled materials c) Only Environmental Protection d) All of these		1	1	
10	Residential building includes c) Bungalows b) Apartments d) Row Housings d) All of above		1	1	

- Instructions:** – 1. All questions are compulsory.
2. Write option of answer in Ans column

Answer Solution

Q. No	Question	Ans	CO	PO	MI
1	_____ is the built-up covered area of a building measured at floor level of any story. a) Covered area b) Carpet area c) Total area d) Plinth area	D	1	1	
2	_____ area of a building is the area of verandahs, passage, corridors, balconies, porches, etc. a) Floor area b) Horizontal circulation area c) Vertical circulation area d) Verandah area	B	1	1	
3	_____ of building is the useful area or liveable area or lettable area. This is the total floor area minus the circulation area, verandahs, corridors, passages, staircase, lifts, entrance hall, etc. minus other non-useable areas. a) Plinth area b) Floor area c) Carpet area d) Circulation area	C	1	1	
4	The placing of various rooms or units of a structure in proper correlation of their functions and in due proximity with each other is known as _____. a) Aspect b) Prospect c) Circulation d) Grouping	D	1	1	
5	What is the level below window called? a) Pane level b) Lintel level c) Sill level d) Plinth level	C	1	1	
6	Which is not a type of building? a) Educational Building b) Mercantile Building c) Institutional Building d) Domestic building	D	1	1	
7	Which is not included in building codes? a) Mechanical integrity b) Safety c) Providing employment d) Structural integrity	C	1	1	
8	Which among the following is not a principle of planning?*				
	a) Furniture requirements b) Aspect c) Prospect d) Respect	D	1	1	
9	Green building practices include a) Only energy efficiency. b) Only recycled materials c) Only Environmental Protection d) All of these	D	1	1	
10	Residential building includes a) Bungalows b) Apartments b) Row Housings d) All of above	D	1	1	

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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

CA-I

(T.Y.&B.Tech.)

Date -05/04/22


The CA-I test for T.Y. and B.Tech. is scheduled between 11th April 2022. In this regard all the staff are here by informed that, they have to submit their CA-I TEST question paper in prescribed format(hard copy 2 set) to Exam co-ordinator on or **before 8th April 2022** till 4 pm, otherwise they have to make Xerox set with number of student & submit to exam co-ordinator.


 Prof. A. C. Thoke

Exam co-ordinator


 Prof. J. S. Mevekari

HOD Civil
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- 1 EPS 
- 2 SSC 
- 3 SMS 
- 4 AMM 
- 5 AND 
- 6 JJG 



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DEPARTMENT OF CIVIL ENGINEERING

CA-I TIME TABLE 2021-2022

DATE	TIME	T.E.	B.E.
11/04/22	10:00AM To 10.30AM	DCS-I	MROCS
	10:40AM To 11:10AM	FE	RSE
	11:20AM To 11:50AM	PM	-
	12:00 To 12:30PM	WWT	-
	2:15PM To 2:45PM	CT	-
	3:00PM To 3:30PM	BPD	-


Dept. Exam. Incharge


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DEPARTMENT OF CIVIL ENGINEERING

CA-I TIME TABLE 2021-2022

SEATING ARRANGEMENT

DATE	CLASS	A106	A107	A108	A103(DH)
11/04/22	T.Y.	-	1 To 35	6 To 62	-
	B.Tech.	1 To 35	-	-	36 To 73


Dept. Exam. Incharge


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CA-I TIME TABLE 2021-2022					
SUPERVISION CHART					
DATE	TIME	A106	A107	A108	A103(DH)
11/04/22	10:00AM To 10:30AM	Prof. Momin A.M.	Prof. Shinde S.M.	Prof. Dhende A. N.	Prof. Gavade J.J.
	10:40AM To 11:10AM	Prof. Chavan S.S.	Prof. Momin A.M.	Prof. Shinde S.M.	Prof. Dhende A. N.
	11:20AM To 11:50AM	-	Prof. Salokhe E.P.	Prof. Gavade J.J.	-
	12:00 To 12:30PM	-	Prof. Shinde S.M.	Prof. Dhende A. N.	-
	2:15PM To 2:45PM	-	Prof. Chavan S.S.	Prof. Salokhe E.P.	-
3:00PM To 3:30PM	-	-	Prof. Salokhe E.P.	Prof. Momin A.M.	-

Dept Exam. Incharge


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DEPARTMENT OF CIVIL ENGINEERING

C.A.I

Class - T.Y. B. Tech Civil

Subject: Design of Concrete Structure-I (BTCVC601)

Marks -10

Date - 11/04 /2022

Time - 10.00 to 10.30 am

Name of Student :

Roll No.

PRN No.

- Instructions :** - 1. All questions are compulsory.
2. Use of non-programmable calculators is permitted.
3. Write option of answer in Ans column

Q.No	Question	Ans	CO	PO	Mks
1.	1)The shape of stress strain curve for concrete as prescribed by IS 456 is A) a) Rectangular b) Parabolic c) Rectangular Parabolic d) None of these	c	1	1	1
2.	2)An RCC beam can have maximum tension reinforcement as: a) 6 % bD b) 2 % bD c) 4 % bD d) 3 % bD	c	1	1	1
3.	In a single reinforced beam, if the permissible stress in concrete reaches earlier than that in steel, the beam section is called (a)Under reinforced section (b)Economic section (c)Over reinforced section (d)Critical section	c	1	1	1
4.	Partial factor of safety for concrete and steel respectively may be taken as a) 1.5 and 1.78 b) 3 and 1.78 c) 1.5 and 1.15 d) 3 and 1.2	c	1	1	1
5.	The characteristic strength of concrete in the actual structure is taken as a) f_{ck} b) $0.85 f_{ck}$ c) $0.67 f_{ck}$ d) $0.447 f_{ck}$	c	1	1	1
6.	In limit state of collapse against flexure, the maximum strain in tension reinforcement at failure shall not be less than (a)0.002 (b) $0.002 + f_y/E_s$ (c) $0.002 + f_y/1.15E_s$ (d) $0.002 + f_y/0.87E_s$	c	1	1	1
7.	The characteristic strength of concrete is defined as that compressive strength below which NOT more than (a)2% of results fall (b)10% of results fall (c)5% of results fall (d)None of these	c	1	1	1
8.	8)partial safety for concrete and steel are 1.5 and 1.15 respectively, because a)Concrete is heterogeneous while steel is homogeneous (b)Concrete is weak in tension (c)The control on the quality of concrete is not as good as that of steel (d)Voids in concrete are 0.5% while those in steel are 0.15%	c	1	1	1
9.	9)The modulus of elasticity of concrete (in N/mm^2) can be assumed as follows where f_{ck} is the characteristic cube compressive strength of concrete(in N/mm^2) (a)4000 f_{ck} (b)2000 f_{ck} (c)5000 f_{ck} (d)3000 f_{ck}	c	1	1	1
10.	The tensile strength of concrete to be used in the design of reinforced concrete members is (a)0.2 f_{ck} (b)0.1 f_{ck} (c)0 (d)0.7 f_{ck}	c	1	1	1



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DEPARTMENT OF CIVIL ENGINEERING

C.A.1

Class – B. Tech Civil
 Date – 11/04/2022
 Name of Student:

Subject – Remote Sensing Essentials
(BTCESS802C)

Marks -10
 Time – 10.40 to 11.10am

Roll No. PRN No.

Instructions : – 1. All questions are compulsory. 2. Use of non-programmable calculators is permitted.
 3. Write option of answer in Ans column

Q. No	Question	Ans	CO	PO	Mks
1.	Remote sensing techniques make use of the properties of _____ emitted; reflected or diffracted by the sensed objects. A) sonar waves B) sound waves C) electromagnetic waves D) wind waves	C			1
2.	Which of the following is not a principle of remote sensing? A) Interaction of energy with satellite B) Electromagnetic energy C) Electro-magnetic spectrum D) Interaction of energy with atmosphere	A			1
3.	The point just vertically below the observer's position, in celestial sphere is called _____. A) celestial point B) Nadir C) Zenith D) Pole	B			1
4.	The system that uses the Sun as a source of electromagnetic energy and records the naturally radiated and reflected energy from the object is called.. A) Geographical Information System B) Global Positioning System C) Passive Remote Sensing D) Active Remote Sensing	C			1
5.	The relation between velocity, wavelength and frequency can be given as ____ A) $C = v + \lambda r$ B) $C = \lambda / v$ C) $C = v * \lambda$ D) $\lambda = 1 / \lambda v$	C			1
6.	Which of the following is not a classification of scattering principle? A) Faraday scattering B) Rayleigh scattering C) Mie scattering D) Non-selective scattering	A			1
7.	Polar orbiting satellites are generally placed at an altitude range of _____. A) 7-15km B) 7000-15000km C) 700-1500km D) 70-150km	C			1
8.	Which one of the following frequency regions is a part of sun's radiation? A) Visible frequency region B) Radio frequency region C) Infrared frequency region D) All of the above	D			1
9.	The spectral region of the electromagnetic radiation which passes through the atmosphere without much attenuation is known as: A) Ozone hole B) Atmospheric window C) Ozone window D) Black hole	B			1
10.	A perfectly black body : A) emits power of every wave length B) is a diffuse emitter C) absorbs all the radiations of every wave lengths D) All the above	D			1



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE


CA-I


S.Y. (SEM-III)

Date -08/01/22

The CA-I test for all students is scheduled on 10th January 2022. In this regard all the staff here by informed that, they have to prepare CA-I question paper in the Google form



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ACT- 

AMM- 

JSL- 

SSC- 

AND- 

EPS- 



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DEPARTMENT OF CIVIL ENGINEERING


NOTICE

CA - I

S.Y (SEM-~~III~~)

Date -3/01/22

The CA-I test for S.Y scheduled on 10th January 2022. In regard all the staff here by informed that , they have to submit their CA-I TEST question paper hard copy 2 set Exam co-ordinator on or before 8th January 2022 till 4 pm, otherwise they have to make Xerox set with number of student & submit to Exam co-ordinator


Prof. A. C. Thoke

Exam co-ordinator

1 EPS 

2 SSC - 

3 AND - 

4 AMM 

5 NAGK 


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CA-I TIME TABLE 2021-2022		
DATE	TIME	S.Y.
10/01/22	9:30AM To 10.30AM	BCD
	10:30AM To 11:30AM	MOS
	11:45AM To 12:45PM	M-III
	12:45PM To 1:45PM	HY-I
	2:30PM To 3:30PM	SUR-I



Dept Exam. Incharge


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DEPARTMENT OF CIVIL ENGINEERING

CA-I TIME TABLE 2021-2022			
SUPERVISION CHART			
DATE	TIME	A106	A103(DH)
10/01/22	9:30AM To 10.30AM	Prof. Dhende A. N.	Prof. Mevekari J.S.
	10:30AM To 11:30AM	Prof. Mevekari J.S.	Prof. Salokhe E.P.
	11:45AM To 12:45PM	Prof. Khan Na.G.	Prof. Momin A.M.
	12:45PM To 1:45PM	Prof. Momin A.M.	Prof. Gavade J.J.
	2:30PM To 3:30PM	Prof. Salokhe E.P.	Prof. Dhende A. N.


 Dept. Exam. Incharge


 HOD
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DEPARTMENT OF CIVIL ENGINEERING

CA-I TIME TABLE 2021-2022			
SEATING ARRANGEMENT			
DATE	CLASS	A106	A103(DH)
10/01/22	S.Y.	1 To 35	36 To 69


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NOTICE

CA-I


(T.Y.&B.Tech.)

Date -13/10/21

The CA-I test for T.Y. and B.Tech. is scheduled between 25th October 2021. In this regard all the staff are here by informed that, they have to submit their CA-I TEST question paper in prescribed format(hard copy 2 set) to Exam co-ordinator on or **before 21st October 2021** till 4 pm, otherwise they have to make Xerox set with number of student & submit to exam co-ordinator.



Prof. A. C. Thoke

Exam co-ordinator


Prof. J. S. Mevekari


H.O.D. Civil
Civil Engineering

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1 EPS -  13/10/21

2 SSC - 

3 AND - 

4 AMM - 

5 PSS - 

6 JJG - 



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DEPARTMENT OF CIVIL ENGINEERING

CA-I TIME TABLE 2021-2022

DATE	TIME	T.E.	B.E.
25/10/21	10:00AM To 10.30AM	DSS	DCS-II
	10:40AM To 11:10AM	SM-II	PP
	11:20AM To 11:50AM	SM	IE
	12:00 To 12:30PM	EE-I	WRE
	2:15PM To 2:45PM	TRE	CT
	3:00PM To 3:30PM	MTE	EQ

Dept. Exam. Incharge


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2. EPS - 
3. AMM - 
4. AND - 
5. JJK - 
6. SSC - 



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DEPARTMENT OF CIVIL ENGINEERING

CA-I TIME TABLE 2021-2022

SEATING ARRANGEMENT

DATE	CLASS	A106	A107	A108	A103(DH)
25/10/21	T.Y.	1 To 35	36 To 62	-	-
	B.Tech.	-	-	1 To 35	36 To 73


Dept.Exam. Incharge


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DEPARTMENT OF CIVIL ENGINEERING

CA-I TIME TABLE 2021-2022

SUPERVISION CHART

DATE	TIME	A106	A107	A108	A103(DH)
25/10/21	10:00AM To 10.30AM	Prof. Dhende A. N.	Prof. Shinde P.S.	Prof. Momin A.M.	Prof. Gavade J.J.
	10:40AM To 11:10AM	Prof. Shinde P.S.	Prof. Momin A.M.	Prof. Chavan S.S.	Prof. Dhende A. N.
	11:20AM To 11:50AM	Prof. Momin A.M.	Prof. Chavan S.S.	Prof. Shinde P.S.	Prof. Gavade J.J.
	12:00 To 12:30PM	Prof. Chavan S.S.	Prof. Dhende A. N.	Prof. Momin A.M.	Prof. Gavade J.J.
	2:15PM To 2:45PM	Prof. Dhende A. N.	Prof. Shinde P.S.	Prof. Gavade J.J.	Prof. Momin A.M.
	3:00PM To 3:30PM	Prof. Gavade J.J.	Prof. Shinde P.S.	Prof. Dhende A. N.	Prof. Chavan S.S.

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1. ANO -

2. JJS -

3. PS -

4. AMM -

5. SSC -



DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Course: B. Tech in CIVIL Engineering

CA I – OCT 2021

Class: T.Y.B.Tech

Subject Name: SOIL MECHANICS

Subject Code: BTCVC 503

Max Marks: 10

Date:- 25 /10 /2021

11:20 to 11:50 Duration:- 30 min.

Instructions to the Students:

1. All questions are compulsory.
2. Figures to right indicate full marks
3. Assume suitable data whenever necessary.

Q. No.	QUESTIONS	(Level/ CO)	Marks
1)	For engineering purposes, soil is defined as... a) The loose mantle at the surface of the earth which favours the growth of plant. b) A natural aggregate of mineral grains, loose or moderately cohesive, inorganic or organic in nature. c) A disintegrated rock. d) All of the above.	CO 1	1
2)	Silt is a.... a) material deposited by a glacier b) soil composed of two different soils c) fine grained soil with Little or no plasticity d) Clay with a high percentage of the clay mineral.	CO 1	1
3)	The ratio of the volume of voids to the total volume of soil mass is called? a) water content b) porosity c) void ratio d) degree of saturation	CO 1	1
4)	The relation between porosity (n) and void ratio (e) is given by a) $n = (1 + e)/e$ b) $n = e/(1 + e)$ c) $e = n/(1 - n)$ d) $e = (1 - n)/n$	CO 1	1
5)	The degree of saturation for fully saturated soil is a) 0.25 b) 0.5 c) 0.75 d) 1	CO 1	1
6)	The relation between void ratio (e) degree of saturation (s), water content (w) and specific gravity of solids (G) is given by a) $e + s = w + G$ b) $e s = w G$ c) $e - s = w - G$ d) $e w = s G$	CO 1	1
7)	A soil sample is having a specific gravity of 2.60 and void ratio 0.78. The water content in percentage required to fully saturate the soil at that void ratio would be a) 10 b) 30 c) 50 d) 70	CO 1	1
8)	If a soil sample is having porosity 40% and degree of saturation 80%, then its percentage air voids is a) 5 b) 6 c) 7 d) 8	CO 1	1



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DEPARTMENT OF CIVIL ENGINEERING

C.A.1

Class – Third Year B. Tech Civil

Subject – Environmental Engineering (BTCVC504)

Marks -10

Date – 25/10/2021

Time – 12.00 to 12.30 pm

Name of Student :

Roll No.

PRN No.

Instructions : – 1. All questions are compulsory. 2. Use of non-programmable calculators is permitted.

3. Write option of answer in Ans column

Q.No	Question	Ans	CO	PO	Mks
1.	In which method of population forecasting, increase in population from decade to decade is assumed constant? A) Arithmetical increase method B) Geometrical increase method C) Incremental increase method D) Decreased rate of growth		1	1	1
2.	What are the factors affecting per capita demand? A) Size of city B) Size of city, habit of people C) Cost of water, quality of water, size of city D) Cost of water, quality of water, size of city, habit of people		1	1	1
3.	The average quantity of water (in lpcd) required for domestic purposes according to IS code is _____ A) 100 B) 120 C) 70 D) 135		1	1	1
4.	_____ valve allows water to flow in one direction only. A) Air relief valve B) Sluice valve C) Reflux valve D) Altitude valve		1	1	1
5.	The time period for which the water is stored in a sedimentation tank is called _____ A) Time of flow B) Frequency of flow C) Settling time D) Detention period		1	1	1
6.	Water lost in thef, pipes, water system and waste contributes to how much % of total consumption? A) 5 B) 10 C) 15 D) 20		1	1	1
7.	Identify the correct relation between the following? A) Dissolved solid = Total solid + Suspended solid B) Dissolved solid = Total solid – Suspended solid C) Total solid = Dissolved solid / Suspended solid D) Dissolved solid = Suspended solid – Total solid		1	1	1
8.	What is formed when coagulant is added to water? A) Scum B) Soap C) Bubbles D) Floe		1	1	1
9.	The devices which are installed for drawing water from the sources are called A) Aquifers B) Aquiclude C) Intakes structure D) Filters		1	1	1
10.	The reduction of carbon dioxide by cascade aerators is in the range of _____ A) 10-20% B) 20-30% C) 40-50% D) 50-60%		1	1	1



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

CA-I Improvement Test


T.Y. and B.Tech. (SEM- V, VII)

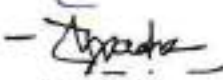
Date -25/01/22

The CA-I Improvement Test for all students is scheduled on 29th January 2022. In this regard all the staff here by informed that, they have to prepare CA-I Improvement Test question paper in the Google form



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DDG - 

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DEPARTMENT OF CIVIL ENGINEERING

CA-I Improvement Test

TIME TABLE 2021-2022

DATE	TIME	T.Y.	B.Tech.
29/01/22	10:00AM To 10.30AM	DSS	DCS-II
	10:40AM To 11:10AM	SM-II	PP
	11:20AM To 11:50AM	SM	IE
	12:00 To 12:30PM	EE-I	WRE
	2:15PM To 2:45PM	TRE	CT
	3:00PM To 3:30PM	MTE	EQ

Dept. Exam. Incharge

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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

CA-II

(S.Y.&T.Y.)

Date -27/06/22

The CA-II test for S.Y. and T.Y. is scheduled between 05th July 2022. In this regard all the staff are here by informed that, they have to submit their CA-II TEST question paper in prescribed format(hard copy 2 set) to Exam co-ordinator on or before 30th July 2022 till 4 pm, otherwise they have to make Xerox set with number of student & submit to exam co-ordinator.

Prof. A. C. Thoke

Exam co-ordinator

Prof. J. S. Mevekari

H.O.D. Civil

1 EPS

2 SSC

3 SMS

4 AMM

5 AND

6 JJG

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DEPARTMENT OF CIVIL ENGINEERING

CA-II TIME TABLE 2021-2022

DATE	TIME	S.Y.	T.Y.
05/07/22	10:00AM To 10.30AM	SM-I	DCS-I
	10:40AM To 11:10AM	HYD-II	FE
	11:20AM To 11:50AM	WRE	PM
	12:00 To 12:30PM	EE	WWT
	2:15PM To 2:45PM	EG	CT
	3:00PM To 3:30PM	BCD	BPD

Dep't Exam. Incharge

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DEPARTMENT OF CIVIL ENGINEERING

CA-II TIME TABLE 2021-2022

SUPERVISION CHART

DATE	TIME	A106	A107
05/07/22	10:00AM To 10.30AM	Prof. Salokhe E.P.	Prof. Dhende A. N.
	10:40AM To 11:10AM	Prof. Shinde S.M.	Prof. Momin A.M.
	11:20AM To 11:50AM	Prof. Momin A.M.	Prof. Chavan S.S.
	12:00 To 12:30PM	Prof. Chavan S.S.	Prof. Gavade J.J.
	2:15PM To 2:45PM	Prof. Dhende A. N.	Prof. Shinde S.M.
	3:00PM To 3:30PM	Prof. Gavade J.J.	Prof. Salokhe E.P.


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DEPARTMENT OF CIVIL ENGINEERING

CA-II TIME TABLE 2021-2022			
SEATING ARRANGEMENT			
DATE	CLASS	A106	A107
05/07/22	S.Y.	1 To 35	36 To 71
	T.Y.	1 To 35	36 To 62


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DEPARTMENT OF CIVIL ENGINEERING

C. A. 2

Class – Second Year B. Tech Civil

Subject – Building Planning and Drawing (BTCVC 401)

Marks -10

Date – 05 /07 /2022

Time – 03:00 am to 03:30 am

Name of Student:

Roll No.

PRN No.

- Instructions:** – 1. All questions are compulsory.
2. Write option of answer in Ans column

Q. No	Question	Ans	CO	PO	Mks
1	The term _____ is used to mean the free passage of clean air in a structure. a) Circulation c) Dissipation b) Ventilation d) Condensation		1	1	
2	It is quite evident that the incoming air for ventilation should be _____ in summer and _____ in winter before it enters the room. a) cool, warm c) humid, dry b) warm, cool d) dry, humid		1	1	
3	In _____ system, the use is made of doors, windows, ventilators and skylights to make the room properly ventilated. a) Artificial ventilation c) Air conditioning b) Natural ventilation d) Mechanical ventilation		1	1	
4	Exhaust system, supply system, air conditioning, etc. comes under _____ type of ventilation system. a) Natural c) Man made b) Mechanical d) Doors		1	1	
5	One pipe system is cheaper than the single stack system for the drainage of buildings. a) True b) False		1	1	
6	Which pipe is mostly used for carrying cold water? a) Copper pipe c) PVC pipe b) Steel pipe d) Lead pipe		1	1	
7	Which pipe is used for carrying cold and hot water? a) Poly propylene c) High density poly ethylene b) Poly propylene random co-polymer d) Low density poly ethylene		1	1	
8	State the two advantages of PVC pipes? a) Durable and corrosion free c) Light weight and economical b) Durable and economical d) Light weight & corrosion free		1	1	
9	Green building practices include a) Only energy efficiency. c) Only Environmental Protection b) Only recycled materials d) All of these		1	1	
10	Which of the following is not the purpose of a green building? a) To reduce use of water c) Re-use of waste materials b) To minimize damage d) None of the above		1	1	



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DEPARTMENT OF CIVIL ENGINEERING

C. A. 2

Class – Second Year B. Tech Civil

Subject – Building Planning and Drawing (BTCVC 401)

Marks -10

Date – 05/07/2022

Time – 03:00 am to 03:30 am

Name of Student:

Roll No.

PRN No.

- Instructions:** – 1. All questions are compulsory.
 2. Write option of answer in Ans column

Answer Solution

Q. No	Question	Ans	CO	PO	Mks
1	The term _____ is used to mean the free passage of clean air in a structure. a) Circulation b) Ventilation c) Dissipation d) Condensation	B	1	1	
2	It is quite evident that the incoming air for ventilation should be _____ in summer and _____ in winter before it enters the room. a) cool, warm b) warm, cool c) humid, dry d) dry, humid	A	1	1	
3	In _____ system, the use is made of doors, windows, ventilators and skylights to make the room properly ventilated. a) Artificial ventilation b) Natural ventilation c) Air conditioning d) Mechanical ventilation	B	1	1	
4	Exhaust system, supply system, air conditioning, etc. comes under _____ type of ventilation system. a) Natural b) Mechanical c) Man made d) Doors	B	1	1	
5	One pipe system is cheaper than the single stack system for the drainage of buildings. a) True b) False	B	1	1	
6	Which pipe is mostly used for carrying cold water? a) Copper pipe b) Steel pipe c) PVC pipe d) Lead pipe	C	1	1	
7	Which pipe is used for carrying cold and hot water? a) Poly propylene b) Poly propylene random co-polymer c) High density poly ethylene d) Low density poly ethylene	B	1	1	
8	State the two advantages of PVC pipes? a) Durable and corrosion free b) Durable and economical c) Light weight and economical d) Light weight & corrosion free	D	1	1	
9	Green building practices include a) Only energy efficiency. b) Only recycled materials c) Only Environmental Protection d) All of these	D	1	1	
10	Which of the following is not the purpose of a green building? a) To reduce use of water b) To minimize damage c) Re-use of waste materials d) None of the above	D	1	1	



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

CA-II

(Final Year B.Tech.)

Date -20/06/22

The CA-II test Final Year B.Tech. is scheduled between 27th June 2022. In this regard all the staff are here by informed that, they have to submit their CA-II TEST question paper in prescribed format(hard copy 2 set) to Exam co-ordinator on or **before 24th June 2022** till 4 pm, otherwise they have to make Xerox set with number of student & submit to exam co-ordinator.

Prof. A. C. Thoke

Exam co-ordinator

Prof. J. S. Mevekari

H.O.D. Civil

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DEPARTMENT OF CIVIL ENGINEERING

CAII TIME TABLE 2021-2022		
DATE	TIME	B.TECH.
27/06/22	10:00AM To 10.30AM	MROCS
	11:00AM To 11:30AM	RSE


Dept. Exam. Incharge


HOD
Civil Engineering
Sanjeevan Engineering & Technology Institute
Somwar Peth, Panhala, Dist. Kolhapur. (416 201)



Holy-wood Academy, Kolhapur's

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DEPARTMENT OF CIVIL ENGINEERING


CAII (B.Tech.) TIME TABLE 2021-2022


SUPERVISION CHART

DATE	TIME	A106	A103(DH)
27/06/22	10:00AM To 10.30AM	Prof. Momin A.M.	Prof. Gavade J.J.
	11:00AM To 11:30AM	Prof. Momin A.M.	Prof. Shinde S.M.


Dept. Exam. Incharge


HOD
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AMM - 

SMI - 

JJ 



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DEPARTMENT OF CIVIL ENGINEERING

CAII (B.Tech.) TIME TABLE 2021-2022

SEATING ARRANGEMENT

DATE	CLASS	A106	A103(DH)
27/06/2022	B.Tech.	1 To 35	36 To 73


Dept. Exam. Incharge

AN


HOD

Civil Engineering
Sanjeevan Engineering & Technology Institute
Somwar Peth, Panhala, Dist. Kolhapur. (416 201)



Class - B.Tech Civil

Date - 27/06/2022

Name of Student :

Roll No.

PRN No.

Hollywood Academy's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA
DEPARTMENT OF CIVIL ENGINEERING

C.A.2

Subject - Repair and maintenance of concrete structure Marks -10

Time -10.00 to 10.30 am

Instructions: - 1. All questions are compulsory. 2. Write option of answer in Ans column

Q.No	Question	Ans	CO	PO	Mks
1.	Presence of drip edges in building components prevents the water infiltration due a. Surface tension b. Capillary actions c. Gravity actions d. Air current				1
2.	Following is not system to prevent water leakage a. Barrier b. Drainage c. Diversion d. Water sink				1
3.	Weep holes provide an opening allows the drainage of any moisture that may come from back of wall through penetration, leakage or capillary action? a. True b. False				1
4.	Brick bat coba is used for waterproofing of a. Terrace slab b. Retaining wall c. External wall d. Floor slab				1
5.	Chlorinated Rubber Coatings is used in wet atmospheres for both steel and concrete substrates a. True b. False				1
6.	Epoxy Coatings is used in a. Chemical atmospheres c. dry atmospheres b. Wet atmospheres d. None of the above				1
7.	In Nuclear power plant following type of coating is commonly used a. Epoxy coating b. Polyurethane Coatings c. Zinc Coatings d. Alkyd Coatings				1
8.	In sacrificial anode cathode protection method -----is used as anode a. Zinc b. Steel c. Concrete d. None of these				1
9.	In electrochemical chloride extraction -----ions brought below threshold limit a. Chloride b. Sulphur c. Carbon d. None of these				1
10.	Electrochemical realkalization is used to stop ----- corrosion a. Carbon induced corrosion b. Chloride induced corrosion c. Sulphur induced corrosion d. None of these				1

.....

Answer key



Class – B. Tech Civil

Date – 27/06/2022

Name of Student :

Roll No.

PRN No.

Hollywood Academy's

SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE, PANHALA

DEPARTMENT OF CIVIL ENGINEERING

C.A.2

Subject – Repair and maintenance of concrete structure Marks -10

Time –10.00 to 10.30 am

Instructions: – 1. All questions are compulsory. 2. Write option of answer in Ans column

Q.No	Question	Ans	CO	PO	Mks
1.	Presence of drip edges in building components prevents the water infiltration due a. Surface tension b. Capillary actions c. Gravity actions d. Air current	A			1
2.	Following is not system to prevent water leakage a. Barrier b. Drainage c. Diversion d. Water sink	D			1
3.	Weep holes provide an opening allows the drainage of any moisture that may come from back of wall through penetration, leakage or capillary action? a. True b. False	A			1
4.	Brick bat coba is used for waterproofing of a. Terrace slab b. Retaining wall c. External wall d. Floor slab	A			1
5.	Chlorinated Rubber Coatings is used in wet atmospheres for both steel and concrete substrates a. True b. False	A			1
6.	Epoxy Coatings is used in a. Chemical atmospheres c. dry atmospheres b. Wet atmospheres d. None of the above	A			1
7.	In Nuclear power plant following type of coating is commonly used a. Epoxy coating b. Polyurethane Coatings c. Zinc Coatings d. Alkyd Coatings	A			1
8.	In sacrificial anode cathode protection method -----is used as anode a. Zinc b. Steel c. Concrete d. None of these	A			1
9.	In electrochemical chloride extraction -----ions brought below threshold limit a. Chloride b. Sulpher c. Carbon d. None of these	A			1
10.	Electrochemical realkalization is used to stop ----- corrosion a. Carbon induced corrosion b. Chloride induced corrosion c. Sulpher induced corrosion d. None of these	A			1

.....



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

CA-II Test

S.Y. (SEM- III)

Date -14/02/22

The **CA-II Test** for all students is scheduled on **18th February 2022**. In this regard all the staff here by informed that, they have to prepare **CA-II Test** question paper in the **Google form**

HOD

Civil Engineering

Sanjeevan Engineering & Technology Institute
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DEPARTMENT OF CIVIL ENGINEERING

CA-II TEST TIME TABLE 2021-2022

DATE	TIME	S.Y.
18/02/22	9:30AM To 10.30AM	SUR-I
	10:30AM To 11:30AM	MOS
	11:45AM To 12:45PM	M-III
	12:45PM To 1:45PM	HY-I
	2:30PM To 3:30PM	BCD

Dept.  Incharge


HOD

Civil Engineering
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Sanwar Path, Parshala, Dist. Kolhapur. (416 201)



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

CA-II

T.Y. and B.Tech. (SEM- V, VII)

Date -12/01/22

The CA-II test for all students is scheduled on **20th January 2022**. In this regard all the staff here by informed that, they have to prepare CA-II question paper in the **Google form**


HOD
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ACT - AS

AND - AM

EPS - SP

AMRT - M

JJ5 -



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

CA-II

(T.Y.&B.Tech.)

Date -04/01/22

The CA-II test for T.Y. and B.Tech. is scheduled on **12th January 2022**. In this regard all the staff are here by informed that, they have to submit their CA-II TEST question paper in prescribed format (hard copy 2 set) to Exam co-ordinator on or **before 8th January 2022** till 4 pm, otherwise they have to make Xerox set with number of student & submit to exam co-ordinator.


Prof. A. C. Thoke

Exam co-ordinator


Prof. J. S. Mevekari

HOD,
H.O.D. Civil Engg.

Sanjeevan Engineering & Technology Institute
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1 EPS - 

2 SSC - 

3 AND - 

4 AMM - 

5 PSS - 

6 JIG - 



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CA-II TIME TABLE 2021-2022

DATE	TIME	T.E.	B.E.
12/01/22	10:00AM To 10.30AM	DSS	DCS-II
	10:40AM To 11:10AM	SM-II	PP
	11:20AM To 11:50AM	SM	IE
	12:00 To 12:30PM	EE-I	WRE
	2:15PM To 2:45PM	TRE	CT
	3:00PM To 3:30PM	MTE	EQ


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EPS - 
JJJ - 
PSS - 
AMM - 
SEC - 
AND - 



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DEPARTMENT OF CIVIL ENGINEERING

CA-II TIME TABLE 2021-2022

SUPERVISION CHART

DATE	TIME	A106	A107	A108	A103(DH)
12/01/22	10:00AM To 10:30AM	Prof. Dhende A. N.	Prof. Salokhe E.P.	Prof. Momin A.M.	Prof. Gavade J.J.
	10:40AM To 11:10AM	Prof. Salokhe E.P.	Prof. Momin A.M.	Prof. Chavan S.S.	Prof. Dhende A. N.
	11:20AM To 11:50AM	Prof. Momin A.M.	Prof. Chavan S.S.	Prof. Salokhe E.P.	Prof. Gavade J.J.
	12:00 To 12:30PM	Prof. Chavan S.S.	Prof. Dhende A. N.	Prof. Momin A.M.	Prof. Gavade J.J.
	2:15PM To 2:45PM	Prof. Dhende A. N.	Prof. Salokhe E.P.	Prof. Gavade J.J.	Prof. Momin A.M.
	3:00PM To 3:30PM	Prof. Gavade J.J.	Prof. Salokhe E.P.	Prof. Dhende A. N.	Prof. Chavan S.S.

Dept. Examp. Incharge

Anandoni
HOD
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EPS - *SPK*
JSH - *Shankar*
AMM - *in*
SSC - *Shankar*
ANO - *Shankar*



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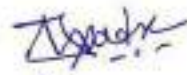



CA-II TIME TABLE 2021-2022

SEATING ARRANGEMENT

DATE	CLASS	A106	A107	A108	A103(DH)
12/01/22	T.Y.	1 To 35	36 To 62	-	-
	B.Tech.	-	-	1 To 35	36 To 73


Dept. Exam. Incharge


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JSh - 
AMM - 
SSC - 
AMD - 



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

MID TERM EXAM

S.Y (SEM-IV)

Date -06/06/22

The **Mid-term exam** test for S.Y scheduled on **10th June 2022 to 11th June 2022**. In regard all the staff here by informed that, they have to submit their **Mid-term exam TEST** question paper hard copy 2 set Exam co-ordinator on or **before 8^h June 2022** till 4 pm, otherwise they have to make Xerox set with number of student & submit to Exam co-ordinator


Prof. A. C. Thoke

Exam co-ordinator

1 EPS

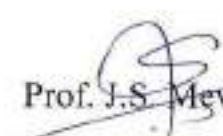
2 SSC

3 AND

4 AMM

5 JJG

6 SMS


Prof. J.S. Mevarkari

H.O.D. Civil

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DEPARTMENT OF CIVIL ENGINEERING

MSE (S.Y.) TIME TABLE 2021-2022		
DATE	TIME	S.Y.
10/06/22	10:00AM To 11.00AM	SM-I
	12:00 noon To 1:00PM	HYD-II
	3:00PM To 4:00PM	WRE
11/06/22	10:00AM To 11.00AM	EE
	12:00 noon To 1:00PM	EG
	3:00PM To 4:00PM	BPD


Dept. Exam. Incharge


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SSC 

APM 

Spny - 

EPS - 

SSR - 

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DEPARTMENT OF CIVIL ENGINEERING

MSE(S.Y.) TIME TABLE 2021-2022			
SEATING ARRANGEMENT			
DATE	CLASS	A107	A108
10/06/22	S.Y.	1 To 35	36 To 62
11/06/22		1 To 35	36 To 62


 Dept. Exam. Incharge


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SEC 
 AMM 
 SMJ - 
 YPS - 
 JSC - 



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DEPARTMENT OF CIVIL ENGINEERING

MSE (S.Y.) TIME TABLE 2021-2022			
SUPERVISION CHART			
DATE	TIME	A107	A108
10/06/22	10:00AM To 11:00AM	Prof. Shinde S.M.	Prof. Dhende A. N.
	12:00 noon To 1:00PM	Prof. Chavan S.S.	Prof. Gavade J.J.
	3:00PM To 4:00PM	Prof. Salokhe E.P.	Prof. Momin A.M.
11/06/22	10:00AM To 11:00AM	Prof. Shinde S.M.	Prof. Salokhe E.P.
	12:00 noon To 1:00PM	Prof. Chavan S.S.	Prof. Gavade J.J.
	3:00PM To 4:00PM	Prof. Dhende A. N.	Prof. Momin A.M.


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SSC 
AMM 
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J) G - 

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – June 2022

Course: B. Tech in Second Year

Sem: IV

Subject Name: Environmental Engineering

Subject Code: BTCVC402

Max Marks: 20

Date:- 11/06/2022

Duration:- 1 Hr.

Instructions to the Students:

1. Assume suitable data if required.
2. Figures to the right indicate full marks.
3. Only non programmable calculators are allowed.

		(Level/CO)	Marks										
Q.1	Solve Multiple choice Questions		6										
	1. Per capita demand of water is calculated in liters is ----- a) Per person per day b) Per person per month c) Per person per year d) Per person per decade	1											
	2. What is the unit for measuring pH? a) Unit less b) mg/l c) ppm d) ppb	1											
	3. Which is the more acidic solution from the followings? a) 1 b) 3 c) 7 d) 9	1											
	4. Which is the more alkaline solution from the followings? a) 13 b) 9 c) 7 d) 1	1											
	5. ----- is not an example of valve. a) Centrifugal b) Sluice c) Reflux d) Scour	1											
	6. ----- is one of the types of pump. a) Reciprocating b) Gate c) Scour d) Reflux	1											
Q.2	Solve Any Two of the following.		3 X 2										
(A)	Enlist different population forecasting methods and explain any two in detail.	1											
(B)	Enlist different chemical characteristics of water and explain any two in detail.	1											
(C)	Write a note on the following valves: a) gate b) air c) non-return.	1											
Q.3	Solve Any One of the following.		8										
(A)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td align="center">Year</td> <td align="center">1961</td> <td align="center">1971</td> <td align="center">1981</td> <td align="center">1991</td> </tr> <tr> <td align="center">Population</td> <td align="center">8000</td> <td align="center">12000</td> <td align="center">17000</td> <td align="center">22500</td> </tr> </table> <p>Calculate the probable population in years 2001, 2011, and 2021 by using: a) Arithmetical increase method, and b) Geometrical increase method.</p>	Year	1961	1971	1981	1991	Population	8000	12000	17000	22500	2	
Year	1961	1971	1981	1991									
Population	8000	12000	17000	22500									
(B)	Data of parameters is as follows: 1) Discharge = 1.823m ³ /s; 2) Length = 6000 m; 3) Head loss = 15m. Based on the above information, calculate the size of rising main by using: a) Hazen-Williams formula [$C_H = 130$], and b) Darcy-Weisbach formula [$f = 0.012$].	2											
*** End ***													

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – June 2022

Course: B. Tech in Second Year

Sem: IV

Subject Name: Environmental Engineering

Subject Code: BTCVC402

Max Marks: 20

Date:- 11/06/2022

Duration:- 1 Hr.

Instructions to the Students:

1. Assume suitable data if required.
2. Figures to the right indicate full marks.
3. Only non programmable calculators are allowed.

Answer Key

		Answer	Marks																						
Q. 1	Solve Multiple choice Questions		6																						
	1. Per capita demand of water is calculated in liters is ----- a) Per person per day b) Per person per month c) Per person per year d) Per person per decade	a																							
	2. What is the unit for measuring pH? a) Unit less b) mg/l c) ppm d) ppb	a																							
	3. Which is the more acidic solution from the followings? a) 1 b) 3 c) 7 d) 9	a																							
	4. Which is the more alkaline solution from the followings? a) 13 b) 9 c) 7 d) 1	a																							
	5. ----- is not an example of valve. a) Centrifugal b) Sluice c) Reflux d) Scour	a																							
	6. ----- is one of the types of pump. a) Reciprocating b) Gate c) Scour d) Reflux	a																							
Q.2	Solve Any Two of the following.		3 X 2																						
(A)	Enlist different population forecasting methods and explain any two in detail. Different methods -----1 mark Any two carries one mark each.																								
(B)	Enlist different chemical characteristics of water and explain any two in detail. Different parameters -----1 mark Any two carries one mark each.																								
(C)	Write a note on the following valves: a) gate b) air c) non-return. Explanation carries one mark each.																								
Q. 3	Solve Any One of the following.		8																						
(A)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Year</td> <td style="width: 15%;">1961</td> <td style="width: 15%;">1971</td> <td style="width: 15%;">1981</td> <td style="width: 15%;">1991</td> </tr> <tr> <td>Population</td> <td>8000</td> <td>12000</td> <td>17000</td> <td>22500</td> </tr> </table> <p>Calculate the probable population in years 2001, 2011, and 2021 by using: a) Arithmetical increase method, and b) Geometrical increase method. Initial table of each method carries one mark each.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;">Year</td> <td style="width: 15%;">2001</td> <td style="width: 15%;">2011</td> <td style="width: 15%;">2021</td> </tr> <tr> <td>Arithmetical increase method forecasted population</td> <td>27333 (1 mark)</td> <td>32166 (1 mark)</td> <td>36999 (1 mark)</td> </tr> <tr> <td>Geometrical increase method forecasted population</td> <td>31808 (1 mark)</td> <td>44967 (1 mark)</td> <td>63570 (1 mark)</td> </tr> </table>	Year	1961	1971	1981	1991	Population	8000	12000	17000	22500	Year	2001	2011	2021	Arithmetical increase method forecasted population	27333 (1 mark)	32166 (1 mark)	36999 (1 mark)	Geometrical increase method forecasted population	31808 (1 mark)	44967 (1 mark)	63570 (1 mark)		
Year	1961	1971	1981	1991																					
Population	8000	12000	17000	22500																					
Year	2001	2011	2021																						
Arithmetical increase method forecasted population	27333 (1 mark)	32166 (1 mark)	36999 (1 mark)																						
Geometrical increase method forecasted population	31808 (1 mark)	44967 (1 mark)	63570 (1 mark)																						
(B)	Data of parameters is as follows: 1) Discharge = 1.823m ³ /s; 2) Length = 6000 m; 3) Head loss = 15m. Based on the above information, calculate the size of rising main by using: a) Hazen-Williams formula [C ₁₁ = 130], and b) Darcy-Weisbach formula [f = 0.012]. a) Hazen-Williams formula (2 Marks) = (d) = 1.098 m = 1098mm (2 Marks) b) Darcy-Weisbach formula (2 marks) = (d) = 1.065 m = 1065mm (2 Marks).																								



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

MSE


T.Y (SEM-VI)

Date -09/05/22


The MSE test for T.Y scheduled on 17th May to 18th May 2022. In regard all the staff here by informed that , they have to submit their MSE TEST question paper hard copy 2 set Exam co-ordinator on or **before 12th May 2022** till 4 pm, otherwise they have to make Xerox set with number of student & submit to Exam co-ordinator


Prof. A. C. Thoke


Exam co-ordinator

1 SMS - 

2 SSC - 

3 AND - 

4 JIG - 

AMLM - 


Prof. J.S. Mevekari

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DEPARTMENT OF CIVIL ENGINEERING

MSE (T.Y.) TIME TABLE 2021-2022		
DATE	TIME	T.Y.
17/05/22	10:00AM To 11.00AM	DCS-I
	12:00 noon To 1:00PM	FE
	3:00PM To 4:00PM	PM
18/05/22	10:00AM To 11.00AM	WWT
	12:00 noon To 1:00PM	CT
	3:00PM To 4:00PM	BPD


Dept. Exam. Incharge


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DEPARTMENT OF CIVIL ENGINEERING

MSE(T.Y.) TIME TABLE 2021-2022			
SEATING ARRANGEMENT			
DATE	CLASS	A107	A108
17/05/22	T.Y.	1 To 35	36 To 62
18/05/22		1 To 35	36 To 62


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DEPARTMENT OF CIVIL ENGINEERING


MSE (T.Y.) TIME TABLE 2021-2022
SUPERVISION CHART


DATE	TIME	A107	A108
17/05/22	10:00AM To 11:00AM	Prof. Shinde S.M.	Prof. Dhende A. N.
	12:00 noon To 1:00PM	Prof. Chavan S.S.	Prof. Gavade J.J.
	3:00PM To 4:00PM	Prof. Salokhe E.P.	Prof. Dhende A. N.
18/05/22	10:00AM To 11:00AM	Prof. Shinde S.M.	Prof. Salokhe E.P.
	12:00 noon To 1:00PM	Prof. Chavan S.S.	Prof. Gavade J.J.
	3:00PM To 4:00PM	Prof. Dhende A. N.	Prof. Chavan S.S.


Dept. Exam. Incharge


Civil Engineering


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EPS - 

AND - 

SSC - 

AMM - 

JMI - 

JJE - 

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination –2022

Course: B. Tech in Third Year

Sem: VI

Subject Name: Design of Concrete Structures-I

Subject Code: BTCVC601

Max Marks: 20

Date:-17/05/2022

Duration:- 1 Hr.

Instructions to the Students:

1. Assume suitable data if required.
2. Figures to the right indicate full marks.
3. Only non programmable calculators are allowed.

	(Level/CO)	Marks
Q.1 Solve Multiple choice Questions		6
1. The stress strain curve for concrete is considered parabolic by I.S. code upto a strain of? a) 0.0015 b) 0.0020 c) 0.0030 d) 0.0035	1	
2. What is the modular ratio to be used in the analysis of RC beams using working stress method if the grade of concrete is M20 a) 18.6 b) 13.3 c) 9.9 d) 6.5	1	
3. The working stress method of design specifies the value of modular ratio, $m=280/(3\sigma_{cbc})$, where σ_{cbc} is the allowable stress in bending compression in concrete. To what extent does the above value of 'm' make any allowance for the creep of concrete? a) No compensation b) Full compensation c) Partial compensation d) The two are unrelated	1	
4. The partial factor of safety for concrete as per IS 456:2000 is a) 1.5 b) 1.15 c) 0.87 d) 0.446	1	
5. Maximum strains in an extreme fiber in concrete and in the tension reinforcement (Fe-415 and $E_s=200\text{KN/mm}^2$) in a balanced section at limit state of flexure are resp. a) 0.0035 and 0.0038 b) 0.002 and 0.0018 c) 0.0035 and 0.0041 d) 0.002 and 0.0031	1	
6. In the limit state design method of concrete structures, the recommended partial material safety factor (γ_m) for steel according to IS 456:2000 is a) 1.5 b) 1.15 c) 1.00 d) 0.87	1	
Q.2 Solve Any Two of the following.		3 X 2
(A) Explain Modes of failure.	1	
(B) Explain design constant for balanced section.	1	
(C) The C/S of singly reinforced concrete beam is 300mm wide & 400mm deep to centre of reinforcement which consists of 4 bars of 16 mm dia. If the stresses in concrete and steel are not to exceed 5 N/mm^2 and 140 N/mm^2 . Determine M.R. of the section. Take $m=18$	3	
Q.3 Solve Any One of the following.		8
(A) A doubly reinforced rectangular beam of width 360mm and effective depth 750 mm has to resist an external BM of 300 KN.M. find the amount of tensile and compression steel required. Take effective cover to compression steel is 50 mm. If $\sigma_{cbc}=7\text{ N/mm}^2$, $\sigma_{st}=190\text{ N/mm}^2$, $m=13.33$	3	
(B) Design a cantilever chajja with the following data. Span=1 m (from face of walls), width=1.5 m, live load= 0.75 KN/M^2 , finish= 0.5 KN/M^2 support lintel=230X230 mm. Take M15 & Fe415.	2	
*** End ***		

T.Y. Betch

Mid semester Exam - 2022

DOS-I

SEM-VI

Date - 17/5/22

Answer Key

- Q.1
- ① b
 - ② b
 - ③ c
 - ④ a
 - ⑤ a
 - ⑥ b

(6M)

Q.2. (A) Explain modes of failure

Types of failure

Diagram with definition

— (1M)

— (2M)

(B) Explain design constant.

~~① $NA = \frac{m \cdot 6cbc}{6st} = \frac{x}{d-x}$~~

~~② $b x^2 = m A_{st} (d-x)$~~

③ K.L.R

① $K_c =$ coefficient or const of NA.

$$K_c = \frac{m \cdot 6cbc}{m \cdot 6cbc + 6st}$$

→ (1M)

② $J =$ coefficient or const. of lever arm

$$J = 1 - K/3$$

→ (1M)

③ coefficient or const. of moment of resistance
R or Q.

$$R = \frac{1}{2} K J 6cbc$$

→ (1M)

(c) cal. of actual position of N.A (x)
 $x = 154.06 \text{ mm}$ ($x^2 + 96.51x - 38604 = 0$) $\rightarrow 1 \text{ m}$

$x_c = K_c \cdot d$ — 1 m

$K_c = 0.39$, $x_c = 156 \text{ mm}$

under r/f secⁿ

$M_R = 39.25 \text{ kNm}$ $\rightarrow 1 \text{ m}$

Q.3 (A) (1) calculate $M_{R_{bal}}$.

$M_{R_{bal}} = K b d^2$

$K = 0.33$, $j = 0.89$,

$R = 1.03$

$M_{R_{bal}} = 208.57 \text{ kNm}$ $\rightarrow (2 \text{ m})$

(2) cal. A_{st} .

$A_{st1} = 1644.55 \text{ mm}^2$

$A_{st2} = 687.4 \text{ mm}^2$

$A_{st} = ~~687.4 \text{ mm}^2~~ 2331.95 \text{ mm}^2$ $\rightarrow (2 \text{ m})$

25 mm ϕ - 5 No.

(3) ASC cal.

$A_{sc} = 1227.30 \text{ mm}^2$

16 mm ϕ - 6 No or $\rightarrow (2 \text{ m})$

20 mm ϕ - 4 No. $\rightarrow (2 \text{ m})$

(4) diagram $\rightarrow (2 \text{ m})$

(B) loading & BM.

(1) $D = 105 \text{ mm}$ $\rightarrow (1)$

(2) loading $w = 5.8125 \text{ kN}$ $\rightarrow (1)$

(3) $M = 3.224 \text{ kNm}$ $\rightarrow (2)$

(4) D check. ($0.65 b d^2 = M$) $\rightarrow (2)$

(5) steel cal.
 $A_{st} = 197.15 \text{ mm}^2$ ~~spacing cal.~~ $\rightarrow (1)$

12 mm ϕ bars @ 235 mm c/c

(6) distribution steel cal. & spacing = 120 mm^2 $\rightarrow (1)$

6 mm ϕ bars @ 235 mm c/c (7) Draw diagram $\rightarrow (2)$



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

MSE


Final Year B.Tech. (SEM-VIII)

Date -09/05/22

The MSE test for B. E. is scheduled on 13th May 2022. In regard all the staff here by informed that , they have to submit their MSE TEST question paper hard copy 2 set Exam co-ordinator on or before 11th May 2022 till 4 pm, otherwise they have to make Xerox set with number of student & submit to Exam co-ordinator


Prof. A. C. Thoke

Exam co-ordinator

1 EPS - 


Prof. J.S. Mevekari
HOD

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MSE TIME TABLE 2021-2022		
DATE	TIME	B.TECH.
13/05/22	10:00AM To 11.00AM	MROCS
	12:00 noon To 1:00PM	RSE


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DEPARTMENT OF CIVIL ENGINEERING

MSE (B.Tech.) TIME TABLE 2021-2022

SEATING ARRANGEMENT

DATE	CLASS	A106	A103(DH)
13/05/2022	B.Tech.	1 To 35	36 To 73


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DEPARTMENT OF CIVIL ENGINEERING

MSE (B.Tech.) TIME TABLE 2021-2022

SUPERVISION CHART

DATE	TIME	A106	A103(DH)
13/05/22	10:00AM To 11.00AM	Prof. Momin A.M.	Prof. Gavade J.J.
	12:00 noon To 1:00PM	Prof. Momin A.M.	Prof. Shinde S.M.

Dept. Exam. Incharge

HOD
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EPS -

AMM -

SMJ -

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – May 2022

Course: B. Tech in Civil Engineering

Sem: VIII

Subject Name: Remote Sensing Essentials

Subject Code: BTCESS802C

Max Marks:20

Date:- 13/05/2022

Duration:- 12 to 1.00 (1Hr)

Instructions to the Students:

1. Figures to the right indicate full marks.
2. Assume suitable data if necessary and state them clearly.
3. Illustrate answers with neat sketches wherever required.

(Level/CO) Marks

Q.1 Attempt the following Questions.

6

1. While passing through the atmosphere, the solar radiation,.....
A) Remains unaffected
B) Do not get scattered
C) Gets absorbed partially and remaining scattered
D) None of the above
2. The basic requirement of any sensor system is.....
A) Radiometric resolution
B) Spatial resolution
C) Spectral resolution
D) All the above
3. A digital image is a numeric representation of a two dimensional.....
A) Vector
B) Matrix
C) Text
D) Alpha-numeric characters
4. How many total shades of gray or colours an 8 bits image will have?
A) 64
B) 128
C) 256
D) 512
5. If a pixel of an image is having 30m resolution, how much ground area it would represent?
A) 30 sqm
B) 60 sqm
C) 90 sqm
D) 900 sqm
6. Digital image processing is the use of to perform image processing on digital images.
A) Scanning sensors
B) Printing devices
C) Computer algorithms
D) Mobile technology

Q.2 Attempt any Two of the following.

3X2

1. Discuss types of digital image processing softwares.
2. Write a note on interaction of solar radiation with atmosphere.
3. Differentiate between Passive sensors and Active sensors.

Q.3 Attempt any One of the following.

8X1

1. Explain various types of remote sensing platforms.
2. Write a detailed note on Unmanned Aerial Vehicle (UAV/Drone) stating its advantages and applications.

*** End ***

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE		
Mid Semester Examination – May 2022		
Course: B. Tech in <u>Civil Engineering</u>	Sem: VIII	
Subject Name: Remote Sensing Essentials	Subject Code: BTCESS802C	
Max Marks:20	Date:- 13/05/2022	Duration:-12.00Noon – 1.00 pm (1Hr)
<u>Answer Key</u>		
	Ans	Mks
Q.1 Attempt the following Questions.		
1. While passing through the atmosphere, the solar radiation..... A) Remains unaffected B) Do not get scattered C) Gets absorbed partially and remaining scattered D) None of the above.	C	1
2. The basic requirement of any sensor system is.... A) Radiometric resolution B) Spatial resolution C) Spectral resolution D) All the above	D	1
3. A digital image is a numeric representation of a two dimensional..... A) Vector B) Matrix C) Text D) Alpha-numeric characters	B	1
4. How many total shades of gray or colours an 8 bits image will have? A) 64 B) 128 C) 256 D) 512	C	1
5. If a pixel of an image is having 30m resolution, how much ground area it would represent? A) 30 sqm B) 60 sqm C) 90 sqm D) 900 sqm	D	1
6. Digital image processing is the use of to perform image processing on digital images. A) Scanning sensors B) Printing devices C) Computer algorithms D) Mobile technology	C	1
Q.2 Attempt any Two of the following.		3X2
1. Discuss types of digital image processing softwares.		
Ans. 1) Public domain software - 1.5 marks 2) Commercial software - 1.5 marks		
2. Write a note on interaction of solar radiation with atmosphere.		
Ans. 1) Absorption - 1.5 marks 2) Scattering - 1.5 marks		
3. Differentiate between Passive sensors and Active sensors.		
Ans. Each point of difference – 1 marks		
Q.3 Attempt any One of the following.		8X1
1. Explain various types of remote sensing platforms.		
Ans. Diagram – 2 marks Any three platforms – 2 marks each		
2. Write a detailed note on Unmanned Aerial Vehicle (UAV/Drone) stating its advantages and applications.		
Ans. Introduction – 2 marks Advantages – 3 marks Applications – 3 marks		
*** End ***		



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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

Mid Term Test

S.Y. (SEM- III)

Date -03/02/22

The **Mid Term Test** for all students is scheduled on **7th February 2022**. In this regard all the staff here by informed that, they have to prepare **Mid Term Test** question paper in the **Google form**


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DEPARTMENT OF CIVIL ENGINEERING

MID TERM TEST TIME TABLE 2021-2022		
DATE	TIME	S.Y.
07/02/22	9:30AM To 10.30AM	SUR-I
	10:30AM To 11:30AM	MOS
	11:45AM To 12:45PM	M-III
	12:45PM To 1:45PM	HY-I
	2:30PM To 3:30PM	BCD


Dept. Exam. Incharge


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DEPARTMENT OF CIVIL ENGINEERING

NOTICE

MID TERM TEST

(T.Y.&B.Tech.)

Date -13/12/21

The MID TERM test for T.Y. and B.Tech. is scheduled between 23rd to 24th December 2021. In this regard all the staff are here by informed that, they have to submit their MID TERM TEST question paper in prescribed format(hard copy 2 set) to Exam co-ordinator on or before **20th December 2021** till 4 pm, otherwise they have to make Xerox set with number of student & submit to exam co-ordinator.


Prof. A. C. Thoke

Exam co-ordinator


Prof. J. S. Mevekari

H.O.D. Civil

1 EPS -  14/12/21

2 SSC - 

3 AND - 

4 AMM

5 PSS

6 JJG - 



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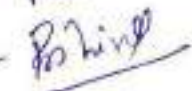



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MID TERM TIME TABLE 2021-2022

DATE	TIME	T.E.	B.E.
23/10/21	10:00AM To 11:00AM	DSS	DCS-II
	12:00 Noon To 1:00PM	SM-II	PP
	3:00PM To 4:00PM	SM	IE
24/10/21	10:00AM To 11:00AM	EE-I	WRE
	12:00 Noon To 1:00PM	TRE	CT
	3:00PM To 4:00PM	MTE	EQ


Dept. Exam. Incharge

DJK - 
AMM - 
PSS - 
EPS -  14/12/21
SSC - 
AND - 


HOD
Civil Engineering
Sanjeevan Engineering & Technology Institute
Somwar Peth, Panhala, Dist. Kolhapur. (416 201)



Holy-wood Academy, Kolhapur's
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DEPARTMENT OF CIVIL ENGINEERING

MID TERM TIME TABLE 2021-2022

SUPERVISION CHART

DATE	TIME	A106	A107	A108	A103(DH)
23/10/21	10:00AM To 11:00AM	Prof. Dhende A. N.	Prof. Salokhe E.P.	Prof. Chavan S.S.	Prof. Gavade J.J.
23/10/21	12:00 Noon To 1:00PM	Prof. Salokhe E.P.	Prof. Momin A.M.	Prof. Chavan S.S.	Prof. Dhende A. N.
	3:00PM To 4:00PM	Prof. Momin A.M.	Prof. Chavan S.S.	Prof. Salokhe E.P.	Prof. Dhende A. N.
24/10/21	10:00AM To 11:00AM	Prof. Chavan S.S.	Prof. Dhende A. N.	Prof. Momin A.M.	Prof. Gavade J.J.
	12:00 Noon To 1:00PM	Prof. Dhende A. N.	Prof. Salokhe E.P.	Prof. Gavade J.J.	Prof. Momin A.M.
	3:00PM To 4:00PM	Prof. Gavade J.J.	Prof. Salokhe E.P.	Prof. Dhende A. N.	Prof. Chavan S.S.

Dept. Exam-Incharge

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JJL - ~~23/10~~
AMM - ~~23/10~~
EPS - ~~23/10~~ 14/12
SSC - ~~23/10~~
AND - ~~23/10~~



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DEPARTMENT OF CIVIL ENGINEERING

MID TERM TIME TABLE 2021-2022

SEATING ARRANGEMENT

DATE	CLASS	A106	A107	A108	A103(DH)
23/10/21	T.Y.	1 To 35	36 To 62	-	-
	B.Tech.	-	-	1 To 35	36 To 73
24/10/21	T.Y.	1 To 35	36 To 62	-	-
	B.Tech.	-	-	1 To 35	36 To 73


Dept. Exam. Incharge


HOD
Civil Engineering
Sanjeevan Engineering & Technology Institute
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DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE Mid Semester Examination – Dec. 2021 Course: B. Tech in Third Year Sem: V Subject Name: Design of Steel Structure Subject Code: BTCVC501 Max Marks: 20 Date:- 23 /12/2021 Duration:- 1 Hr.		
Instructions to the Students: 1. Assume suitable data if required. 2. Figures to the right indicate full marks. 3. Only non programmable calculators are allowed.		
	(Level/CO)	Marks
Q. 1	Solve Multiple choice Questions	6
	1. By providing sufficient edge distance which of the following failure to rivet can be avoided a) tension failure of plate b) shear failure of rivet c) shear failure of plate d) crushing failure of rivet	1
	2. Why is built-up section used? a) for resisting bending moment b) used when rolled section do not furnish required sectional area c) to sustain seismic loads only d) for aesthetic appearance	1
	3. Which of the following is not a compression member? a) tie b) strut c) rafter d) boom	1
	4. beam section is provided on the basis of (i) section modulus, (ii) deflection, (iii) shear a) i, ii b) ii, iii c) i, iii d) i, ii and iii	1
	5. Effective length of compression member is _____ a) distance between ends of members b) distance between end point and midpoint of member c) distance between points of contraflexure d) distance between end point and centroid of member	1
	6. What is the effective length when both ends of compression member are fixed? a) 0.65L b) 0.8L c) L d) 2L	1
Q.2	Solve Any Two of the following.	3 X 2
(A)	Describe various types of beams.	1
(B)	Discuss various types of load on structure.	1
(C)	Describe the end condition of column.	1
Q. 3	Solve Any One of the following.	8
(A)	Design single angle discontinuous strut to carry load of 47 KN. Length of strut is 3.0 m between intersections. Strut connected to 12mm thick gusset plate with a. 24 mm diameter power driven rivet b. 20 mm diameter hand driven rivet	2
(B)	Design beam of 5m effective span, carrying uniform load of 20.6 Kn/m if compression flange is laterally supported.	3
*** End ***		

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE		
Mid Semester Examination – Dec. 2021		
Course: B. Tech in Final Year	Sem: VII	
Subject Name: Design of Concrete Structures – II	Subject Code: BTCVC701	
Max Marks: 20	Date:-23 /12/2021	Duration:- 1 Hr.
Instructions to the Students: 1. Assume suitable data if required. 2. Figures to the right indicate full marks. 3. Only non programmable calculators are allowed.		
	(Level/CO)	Marks
Q.1 Solve Multiple choice Questions		6
1. Equivalent shear V_e is given by? a) $V_u + 1.6 (T_u / b)$ b) $V_u + 1.7 (T_u / b)$ c) $V_u + [1 + (D / b)] / 1.7$ d) None	1	
2. When $T_u = 50 \text{ KN-m}$, $V_u = 40 \text{ KN}$ and $b = 300 \text{ mm}$ than $V_e = \underline{\hspace{2cm}}$ KN a) 306.66 b) 406.66 c) 206.66 d) none of these	1	
3. The beams are having torsional moment, the side face reinforcement shall be provided for the overall depth exceeding mm. a) 450 mm b) 750 mm c) 300 mm d) none of these	1	
4. In limit-state of design of prestressed concrete, which of the following strain distribution is assumed a) Linear b) Bilinear c) Parabolic d) none of these	1	
5. Which of the following systems are used as anchorage for post-tensioning a) Dressinet system b) Magnel Blaton system c) Gifford-Udall system d) All of the above	1	
6. High strength concrete is used for pre-stressed concrete because of a) Low creep b) Lesser prestress loss c) High tensile strength d) Low brittleness	1	
Q.2 Solve Any Two of the following.		3 X 2
(A) Explain the behavior of RCC beam under pure torsion.	1	
(B) Explain the various post-tensioning system based on wedge action with sketches.	2	
(C) Analysis of area of circular column to carry a load of 400KN. The column is provided with circular lateral ties. Use M20 & Fe 250.	3	
Q.3 Solve Any One of the following.		8
(A) Rectangular pre-stress concrete beam 200X400mm is having a simply supported span of 10m. It carried a udl of 10KN/M through the beam and it is pre-stressed with 300KN at an eccentricity of 100mm at the centre. Find the extreme fiber stress at the centre of beam.	1	
(B) Calculate max. fiber stress for beam shown below using load balancing concept .	2	



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1.1.2: (Qlm): Academic Calendar highlighting CA1,CA2,MSE dates

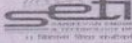

Academic Calendar ODD Sem 2021-22:

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Academic Calendar Odd Semester (Academic Year - 2021-2022)										
Month	Week No.	Week Days							No. of working days	Events
		MON	TUE	WED	THUR	FRI	SAT	SUN		
September	0			1	2	3	4	5		
	0	6	7	8	9	10	11	12		
	1	13	14	15	16	17	18	19	3	15th Sept - Commencement of Classes - SY, TY, B.tech, UG & PG
	2	20	21	22	23	24	25	26	6	
	3	27	28	29	30				4	
October	4					1	2	3	1	02nd Oct - Mahatma Gandhi Jayanti
	5	4	5	6	7	8	9	10	6	
	6	11	12	13	14	15	16	17	4	15th Oct - Dasara
	7	18	19	20	21	22	23	24	5	19th Oct - Id-E-Milad
	8	25	26	27	28	29	30	31	6	
November	9	1	2	3	4	5	6	7	3	4th Nov to 6th Nov - Diwali
	10	8	9	10	11	12	13	14	6	
	11	15	16	17	18	19	20	21	4	19th Nov - Guru Nanak Jayanti
	12	22	23	24	25	26	27	28	6	15th Nov to 24th Nov - Mid Semester Examination
	13	29	30						2	
December	14			1	2	3	4	5	3	
	15	6	7	8	9	10	11	12	6	
	16	13	14	15	16	17	18	19	5	13th Dec to 24th Dec - Induction Program_FY
	17	20	21	22	23	24	25	26	5	20th Dec - Commencement of Classes_DS 25th Dec - Christmas Day
	16	27	28	29	30	31			5	27th Dec - Commencement of Classes_FY
January	17						1	2	0	
	18	3	4	5	6	7	8	9	6	
	19	10	11	12	13	14	15	16	4	13th Jan - End of Classes 14th Jan - Makar Sankranti
	20	17	18	19	20	21	22	23	6	
	21	24	25	26	27	28	29	30	6	
February	22	31							1	
	23		1	2	3	4	5	6	4	
	24	7	8	9	10	11	12	13	6	
	25	14	15	16	17	18	19	20	5	19th Feb - Shivaji Maharaj Jayanti
	26	21	22	23	24	25	26	27	6	21st Feb to 25th Feb - Mid Semester Examination 26th Feb - End of Classes_DS
March	27	28								
	28		1	2	3	4	5	6		01st March - Mahashivratri
	29	7	8	9	10	11	12	13		
	30	14	15	16	17	18	19	20		18th March - Dhulivandan
	31	21	22	23	24	25	26	27		
32	28	29	30	31						

Holiday
Principal
Dr. Mohan B. Vyaparotti

Prepared by
Mr. P.P. Kulkarni

Academic Calender EVEN SEM 2021-22

 Holy-wood Academy, Kolhapur's SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur Pin- 416 201 (Maharashtra) Phone : 0231 - 2686600, 21 Fax : 0231 - 2686629 Approved By AICTE New Delhi Recognized by Govt. of Maharashtra & DTE Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere (DBATU) Website : www.seti.edu.in Email : principal@seti.edu.in office@seti.edu.in EN 6315										
Academic Calendar Even Semester (Academic Year - 2021-2022)										
Month	Week No.	Week Days						No. of working days	Events	
		MON	TUE	WED	THUR	FRI	SAT			SUN
MARCH			1	2	3	4	5	6		
	1	7	8	9	10	11	12	13	4	14 - Commencement of Classes 18 - Dhulivandan
	2	21	22	23	24	25	26	27	6	23 to 26 - Sports Week
	3	28	29	30	31				4	28 - Declaration of Result for Odd Sem
APRIL	4					1	2	3	1	2 - Gudhi Padwa
	5	4	5	6	7	8	9	10	6	
	6	11	12	13	14	15	16	17	3	14 - Ambedkar Jayanti 15 - Good Friday
	7	18	19	20	21	22	23	24	6	18 & 19 - CA1 Examination
MAY	8	25	26	27	28	29	30		6	25 to 30 - Annual Social Gathering Parikramaa / Convocation
	9							1	0	1 - Maharashtra Day
	10	2	3	4	5	6	7	8	4	3 - RamzanEid
	11	9	10	11	12	13	14	15	6	12 to 14 - Mid Sem Examination
	12	16	17	18	19	20	21	22	4	16 - Buddha Pournima
	13	23	24	25	26	27	28	29	6	
JUNE	14	30	31						2	
	15			1	2	3	4	5	3	
	16	6	7	8	9	10	11	12	6	6 to 11 Exam form filling for Regular & Supplementary Examinations
	17	13	14	15	16	17	18	19	5	16 & 17 - CA2 Examination 13 to 17 - Exam form filling for Regular & Supplementary Exam with late fees
	18	20	21	22	23	24	25	26	6	
JULY	19	27	28	29	30				4	
	20					1	2	3	1	
	21	4	5	6	7	8	9	10	6	
	22	11	12	13	14	15	16	17	5	
	23	18	19	20	21	22	23	24	5	22 - End of Classes 25 to 30 - Practical/Project/Seminar Exam 26 to 31 - Uploding marks To University Portal
AUGUST		25	26	27	28	29	30	31		1 to 30 - Submission of M.Tech. Dissertation
		1	2	3	4	5	6	7		9 - Muharram
		8	9	10	11	12	13	14		15 - Independence Day 16 - Parsi New Year
		15	16	17	18	19	20	21		
		22	23	24	25	26	27	28		
	29	30	31							31 - Shri Ganesh Chaturthi
									99	Commencement of Classes for Next semester 20th September 2022
Govt. Holiday		Activities			Unit Test			Holiday		
Prepared by Mr.P.P.Kulkarni							 Principal Dr.Mohan B.Vanarotti			

Time Table * Notices of CA1,CA2,MSE



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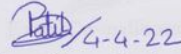
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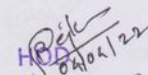
NOTICE

All the students of Final Year B.Tech and T.Y. B.Tech are here by inform that CA-I (offline) examination is scheduled from 11/04/2022 to 13/04/2022 .The time-table is given below :

CA-I Examination Schedule 2022

Date	Timing	Final Year B.Tech	T.Y. B.Tech
11/04/2022	10.30 am to 11 am	Deep Learning	Compiler Design
	2.30 pm to 3.30 pm	Cryptography & Network Security	Computer Networks
13/04/2022	10.30 am to 11 am	-----	Object Oriented Analysis & Design
	12.30 pm to 1pm	-----	Internet of Things
	2.30 pm to 3 pm	-----	Consumer Behaviour


Exam Co-ordinator


H.O.D.
Department of Computer Science
& Engineering
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COMPUTER SCIENCE & ENGINEERING

EN 6315

Date -11/5/2022

NOTICE

All the students of S.Y.B.Tech are here by inform that the CA-I is scheduled from 17/5/2022 to 18/5/2022. The time table for exam is given below:

CA-I Examination Schedule May 2022

Date & Time	S.Y.B. Tech
17/5/2022 12 pm -12.30 pm	Design & Analysis of algorithms
17/5/2022 2pm-2.30 pm	Basic Human Rights
17/5/2022 3pm -3.30pm	Operating Systems
18/5/2022 10am -11am	Probability theory and Random Process
18/5/2022 12.30pm-1pm	Python Programming
18/5/2022 3pm -3.30 pm	Digital Logic Design & Microprocessor

Peth /11-5-22
Exam Coordinator

Peth
H.O.D
HOD

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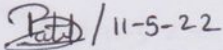
Date -11/5/2022

NOTICE

All the students of T.Y.B.Tech and Final Year B.Tech are here to inform that the Mid Semester Examination (MSE) is scheduled from 17/5/2022 to 19/5/2022. The time table for exam is given below:

Mid Semester Examination Schedule May 2022

Date & Time	T.Y.B. Tech	Final Year B. Tech
17/5/2022 10am -11am	Compiler Design	Deep Learning
17/5/2022 3pm -4pm	-----	Cryptography & Network Security
18/5/2022 10am -11am	Computer Networks	-----
18/5/2022 3pm -4pm	Object Oriented Analysis and Design	-----
19/5/2022 10am - 11am	Internet of Things	-----
19 /5/2022 3pm -4 pm	Consumer Behavior	-----


Exam Coordinator


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MS
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Date -7/6/2022

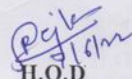
NOTICE

All the students of S.Y.B.Tech are here by inform that the MSE is scheduled from 13/6/2022 to 15/6/2022. The time table for exam is given below:

Mid Semester Examination Schedule June 2022

Date & Time	Subject
13/6/2022 10am -11am	Design & Analysis of algorithms
13/6/2022 3pm -4pm	Operating Systems
14/6/2022 10am -11am	Digital Logic Design & Microprocessor
14/6/2022 3pm -4pm	Probability theory and Random Process
15/6/2022 10am -11am	Basic Human Rights

 7-6-22
Exam Coordinator


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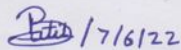
Date -7/6/2022

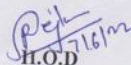
NOTICE

All the students of T.Y.B.Tech and Final Year B. Tech are here by inform that the CA-II is scheduled from 13/6/2022 to 14/6/2022. The time table for exam is given below:

CA-II Schedule June 2022

Date & Time	T.Y.B. Tech	Final Year B. Tech
13/6/2022 12 pm -12.30 pm	Compiler Design	Deep Learning
13/6/2022 2pm-2.30 pm	Computer Networks	Cryptography & Network Security
14/6/2022 10am -10.30am	Object Oriented Analysis & Design	-----
14/6/2022 12 pm -12.30 pm	Internet of Things	-----
14/6/2022 3pm -3.30 pm	Consumer behavior	-----


Exam Coordinator


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COMPUTER SCIENCE & ENGINEERING **EN 6315**

Date -30/7/2022

NOTICE

All the students of S.Y.B.Tech are here by inform that the **CA-II** is scheduled from 4/7/2022 to 5/7/2022. The time table for exam is given below:

CA-II Schedule July 2022



Date & Time	S.Y.B. Tech
4/7/2022 10 am-10.30 am	Design & Analysis of Algorithms
4/7/2022 11.30 am-12 pm	Operating Systems
5/7/2022 10am -10.30am	Basic Human Rights
5/7/2022 12 pm – 12.30 pm	Digital Logic Design & Microprocessors
5/7/2022 3pm -3.30 pm	Probability Theory and Random Processes

Exam Coordinator

H.O.D
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Department of Computer Science
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Sanjeevan Engg. & Tech. Institute
Somwar Peth; Panhala - 416 201

Sample question paper : CA-I

	DR. BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, LONERE. Sanjeevan Engineering & Technology Institute, Panhala Department of Computer Science & Engineering		
	CA-I (October 2021-2022)		
	CLASS: Final Year B.Tech		SEM: V
	NAME OF STUDENT :		ACADEMIC YEAR : 2021-22
	ROLL No.	PRN No.	
	MARKS OBTAINED:	MARKS: 10	
	DATE : 20/10/2021	Time : 10.30 am to 11am	
SUBJECT: Database Systems			

INSTRUCTIONS:

- 1) All questions are compulsory.
- 2) Each question carries 1 mark.
- 3) Write the correct option in the box given at the end of each question
- 4) Multiple choices are not allowed

Q.No	Questions	Correct Option
1	Any fact that can be recorded is known as a) Knowledge b) Information c) Data d) All of the above	
2	Database Systems are made-up ofdata structures. a) Simple b) Complex c) Derived d) None	
3	Logical level of abstraction describes what data is stored in database and what relationships exist among those data. a) True b) False	
4	Overall design of a database is called the..... a) Abstraction b) Instance c) Schema	

5	The data stored in database at a particular moment of time is called asof database. a) Abstraction b) Instance c) Schema	
6	DML stands for a) Data Management Languages b) Database Markup Language c) Data Manipulation Language d) None of these	
7is a set of entities of same type that share the same properties or attributes. a) Attributes set b) Relationship set c) Entity Set d) Property Set	
8	Consider an employee entity set with attribute phone -number, attribute phone - number is a..... a) Simple Attribute b) Composite Attribute c) Single Valued Attributes d) Multi-valued Attributes	
9	A Relationship sets that involve two entity sets is known as..... a) Unary Relationship Set b) Binary Relationship Set c) Ternary Relationship Set d) N-ary Relationship set	
10	Which of the following symbols represent relationship sets in ER diagram. a) Lines b) Diamonds c) Divided rectangles d) Undivided rectangles	

MSE

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE
Mid Term Exam – 2021

Course: B. Tech in Computer Science & Engineering Sem: V
Subject Name: Database Systems Subject Code:
BTCOC501
Max Marks: 20 Date:- 20/12/21 Duration:- 1.0 Hr.

Instructions to the Students:
1. All Questions are compulsory.
2. Solve any one from Q.2 , Solve any one from Q.3 & Solve any one from Q.4


- Q.1** Solve the multiple choice questions. 6M
- I. The data stored in database at a particular moment of time is called instance of database.
(a) True (b) False
 - II. Which is lowest level of abstraction.
(a) View Level (b) Logical Level (c) Physical Level (d) None of these
 - III. describes only part of entire database.
(a) Internal Level (b) Conceptual Level (c) External Level
 - IV. The total number of attributes in the relation is called as.....
(a) Cardinality (b) Degree (c) Tuple variable (d) schema
 - V. is a table with columns and rows.
(a) Domain (b) Tuple (c) Relation (d) domain
 - VI. Command that comes under DML is.....
(a) ROLLBACK (b) GRANT (c) SELECT (d) All of the above

Q.2	Solve Any one of the following.	CO3	
A.	Consider following database Student(s_name,s_no,class,major) Course(c_name,c_no,credit_hours,department) Write SQL statements to do the following update on the database schema a) Insert a new student <'johnson',25,1,'math'> b) Change the credit_hours of course 'Data Science' to 4. c) Delete the record for the student whose name is 'smith' and whose student no is 17.		6
B.	Construct ER- Diagram for Banking Enterprise.	CO1	
C.	Explain Basic Fundamental Relational Algebra Operations.	CO2	
Q.3 Solve Any one of the following			
A.	Explain Different Relational Model Concepts.	CO2	

B.	Consider following Student Relation	CO2	4																																																							
	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>ID</th> <th>NAME</th> <th>CLASS</th> <th>MARK</th> <th>GENDER</th> </tr> </thead> <tbody> <tr><td>1</td><td>John Deo</td><td>Four</td><td>75</td><td>female</td></tr> <tr><td>2</td><td>Max Ruin</td><td>Three</td><td>85</td><td>male</td></tr> <tr><td>3</td><td>Arnoid</td><td>Three</td><td>55</td><td>male</td></tr> <tr><td>4</td><td>Krish Star</td><td>Four</td><td>60</td><td>female</td></tr> <tr><td>5</td><td>John Mike</td><td>Four</td><td>60</td><td>female</td></tr> <tr><td>6</td><td>Alex John</td><td>Four</td><td>55</td><td>male</td></tr> <tr><td>7</td><td>My John Rob</td><td>Five</td><td>78</td><td>male</td></tr> <tr><td>8</td><td>Asrud</td><td>Five</td><td>65</td><td>male</td></tr> <tr><td>9</td><td>Tes Gry</td><td>Six</td><td>78</td><td>male</td></tr> <tr><td>10</td><td>Big John</td><td>Four</td><td>55</td><td>female</td></tr> </tbody> </table> <p>a) Identify degree of Student relation. b) Identify Cardinality of Student relation . c) Identify Domain of ID attribute. d) Identify Tuples of Student relation . e) Write Relational Schema for Student Relation</p>	ID	NAME	CLASS	MARK	GENDER	1	John Deo	Four	75	female	2	Max Ruin	Three	85	male	3	Arnoid	Three	55	male	4	Krish Star	Four	60	female	5	John Mike	Four	60	female	6	Alex John	Four	55	male	7	My John Rob	Five	78	male	8	Asrud	Five	65	male	9	Tes Gry	Six	78	male	10	Big John	Four	55	female		
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10	Big John	Four	55	female																																																						
Q.4 Solve Any one of the following.																																																										
A.	Find the minimum number of tables required to represent the given ER diagram in relational model-	CO1																																																								
			4																																																							
B.	Explain Two Tier and Three Tier architectures. Which is better suited for web applications? Why?	CO1																																																								

-----All the Best -----

CA-II

	DR. BABASAHEB AMBEDKAR TECHNICAL UNIVERSITY, LONERE. Sanjeevan Engineering & Technology Institute, Panhala <i>Department of Computer Science & Engineering</i>		
	CA-II (February 2021-2022)		
CLASS: S.Y	SEM: -III	ACADEMIC YEAR : 2021-22	
NAME OF STUDENT:			
ROLL No.		PRN No.	
MARKS OBTAINED:			MARKS: 10
DATE : 9-12-2022			
SUBJECT: CAO			
			Supervisor Sign

INSTRUCTIONS:

- 1) All questions are compulsory.
- 2) Each question carries 1 mark.
- 3) Write the correct option in the box given at the end of each question
- 4) Multiple choices are not allowed

Q.No	Questions	Correct Option
1	Which of the following memories must be refreshed many times per second? a. Static RAM b. Dynamic RAM c. EPROM d. ROM	
2	Digital devices are. a. Digital Clock b. Automobile speed meter c. Clock with a dial and two hands d. All of them	
3	The time taken to transfer a word of data to or from the memory is called as... a. Access time b. Cycle time c. Memory Latency d. None of the above	
4	In SDRAM's ----- are used to store data that is read or written. a. Buffers b. Registers c. Overlays d. None of the above.	
5	-----Coordinates the input and output devices of a computer system. a. Processor b. ALU c. Control Unit d. None of the these	
6	The ----- bus set of lines that carry information about where in memory data is to be transferred to or from a. data b. address c. control d. all of these	
7	-----cycle occurs at beginning of each instruction cycle a. Execute b. fetch c. interrupt d. indirect	

8method is used to established priority by serially connecting all devices that request an interrupt. a. Vectored -interrupting b. Daisy chain c. Priority d. Polling	
9	The method which offers higher speeds of I/O transfers is a. Interrupts b. Memory mapping c. Programmed -controlled I/O d. DMA	
10	Reading data is performed in magnetic disk by a. Read / write heads b. Sectors c. Track d. Lower Surface	



Holy-wood Academy, Kolhapur's

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DEPARTMENT OF ELECTRICAL ENGINEERING

1.1.2: (QIm): Academic Calendar highlighting CA1,CA2,MSE dates

Academic Calender ODD Sem 2021-22:

SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA DEPARTMENT OF ELECTRICAL ENGINEERING Academic Calendar Odd Semester (Academic Year - 2021-2022)											
Month	Week No.	Week Days							No. of working days	Events	Departmental Events
		MON	TUE	WED	THUR	FRI	SAT	SUN			
September	0			1	2	3	4	5			
	6	6	7	8	9	10	11	12			
	1	13	14	15	16	17	18	19	3	15th Sept - Commencement of Classes - SY_TY_B.tech_UG & PG	15 - Students Reporting
	2	20	21	22	23	24	25	26	6		
October	3	27	28	29	30				4		
	4					1	2	3	1	02nd Oct - Mahatma Gandhi Jayanti	
	5	4	5	6	7	8	9	10	6		
	6	11	12	13	14	15	16	17	4	15th Oct - Dasara	
	7	18	19	20	21	22	23	24	5	19th Oct - Id-E-Milad	21 & 22 - CA1 Examination
	8	25	26	27	28	29	30	31	6		26 - First Project Presentation
November	9	1	2	3	4	5	6	7	3	4th Nov to 6th Nov - Diwali	
	10	8	9	10	11	12	13	14	6		
	11	15	16	17	18	19	20	21	4	19th Nov - Guru Nanak Jayanti	
	12	22	23	24	25	26	27	28	6	15th Nov to 24th Nov - Mid Semester Examination	22 to 24 - Mid Semester Examination
	13	29	30						2		
December	14			1	2	3	4	5	3		
	15	6	7	8	9	10	11	12	6		9 to 11 - Technical Event for Student
	16	13	14	15	16	17	18	19	5	13th Dec to 24th Dec - Induction Program_FY	
	17	20	21	22	23	24	25	26	5	20th Dec - Commencement of Classes_DSY 25th Dec - Christmas Day	23 - Second Project Presentation
	16	27	28	29	30	31			5	27th Dec - Commencement of Classes_FY	
January	17						1	2	0		
	18	3	4	5	6	7	8	9	6		6 & 7 - CA2 Examination
	19	10	11	12	13	14	15	16	4	13th Jan - End of Classes 14th Jan - Makar Sankranti	10 - Final Project Presentation
	20	17	18	19	20	21	22	23	6		
	21	24	25	26	27	28	29	30	6		
	22	31							1		


Academic Calender EVEN SEM 2021-22



Holy-wood Academy, Kolhapur's
SANJEEVAN ENGINEERING AND TECHNOLOGY INSTITUTE
 Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur
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 Website : www.seti.edu.in Email : principal@seti.edu.in / office@seti.edu.in **EN 0315**

Academic Calendar Even Semester (Academic Year - 2021-2022)


Week No.	Week Days							No. of working days	Events
	MON	TUE	WED	THUR	FRI	SAT	SUN		
		1	2	3	4	5	6		
	7	8	9	10	11	12	13		
1	14	15	16	17	18	19	20	4	
2	21	22	23	24	25	26	27	6	14 - Commencement of Classes 18 - Dhulivandan
3	28	29	30	31				6	23 to 26 - Sports Week
4					1	2	3	4	28 - Declaration of Result for Odd Sem
5	4	5	6	7	8	9	10	1	2 - Gudhi Padwa
6	11	12	13	14	15	16	17	6	
7	18	19	20	21	22	23	24	3	14 - Ambedkar Jayanti 15 - Good Friday
8	25	26	27	28	29	30		6	18 & 19 - CA1 Examination
9							1	6	25 to 30 - Annual Social Gathering Parikramaa / Convocation
10	2	3	4	5	6	7	8	0	1 - Maharashtra Day
11	9	10	11	12	13	14	15	4	3 - RamzanEid
12	16	17	18	19	20	21	22	6	12 to 14 - Mid Sem Examination
13	23	24	25	26	27	28	29	4	16 - Buddha Pournima
14	30	31						6	
15			1	2	3	4	5	2	
16	6	7	8	9	10	11	12	3	
17	13	14	15	16	17	18	19	6	6 to 11 Exam form filling for Regular & Supplementary Examinations
18	20	21	22	23	24	25	26	5	16 & 17 - CA2 Examination
19	27	28	29	30				4	13 to 17 - Exam form filling for Regular & Supplementary Exam with late fees
20					1	2	3	6	
21	4	5	6	7	8	9	10	1	
22	11	12	13	14	15	16	17	6	
23	18	19	20	21	22	23	24	5	
	25	26	27	28	29	30	31	5	22 - End of Classes
	1	2	3	4	5	6	7		25 to 30 - Practical/Project/Seminar Exam
	8	9	10	11	12	13	14		26 to 31 - Uploding marks To University Portal
	15	16	17	18	19	20	21		1 to 30 - Submission of M.Tech. Dissertation
	22	23	24	25	26	27	28		9 - Muharram
	29	30	31						15 - Independence Day 16 - Parsi New Year
									31 - Shri Ganesh Chaturthi
								99	Commencement of Classes for Next semester 20th September 2022

vt. Holiday	Activities	Unit Test	Holiday
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 Prepared by
 Mr.P.P.Kulkarni


 Principal
 Dr.Mohan B.Vanarotti

Time Table * Notices of CA1,CA2,MSE

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& TECHNOLOGY INSTITUTE
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DEPARTMENT OF ELECTRICAL ENGINEERING

Date: 09th May, 2022.

NOTICE

All the students of **Second Year (S.Y.)** are to be informed that Continuous Assessment - 1 (**CA1**) Examination is scheduled on **12th May, 2022 to 14th May, 2022** for academic year 2021 - 2022. So examination timetable will be circulated shortly within a few days.

- Note: 1. Examination will be conducted through offline mode.**
2. Student has to pay 75% of their total fee before CA1.


Departmental Exam Incharge
Mr. V. T. Metkari


H.O.D.
Mr. P. P. Kulkarni
(Head Electrical Engineering Dept.)
SANJEEVAN ENGINEERING AND
TECHNOLOGY INSTITUTE, PANTHALA
Somwar Peth, Tal. Panhala, Dist. Kolhapur-416 201
MAHARASHTRA, INDIA



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EN 6315

DEPARTMENT OF ELECTRICAL ENGINEERING


Date: 27th June, 2022.


NOTICE

All the students of Electrical Engineering Department are to be informed that Continuous Assessment - 2 (CA2) Examination is scheduled on 29th June, 2022 to 01st July, 2022 for academic year 2021 - 2022. So examination timetable will be circulated shortly within a few days.

Note: 1. Examination will be conducted through offline mode.

2. Student has to pay 100% of their total fee before CA2.


Departmental Exam Incharge
Mr. V. T. Metkari


H.O.D.
Mr. P. P. Kulkarni
In-charge Electrical Engineering Dept.
SANJEEVAN ENGINEERING AND
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Somwar Peth, Tal. Panhala, Dist. Kolhapur-416 201
MAHARASHTRA, INDIA



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EN 6315

DEPARTMENT OF ELECTRICAL ENGINEERING

Date: 03rd June, 2022.

NOTICE

All the students of **Second Year (S.Y.)** are to be informed that Mid Semester Examination (**MSE**) is scheduled on **08th June, 2022 to 10th June, 2022** for academic year 2021 - 2022. So examination timetable will be circulated shortly within a few days.

- Note: 1. Examination will be conducted through offline mode.
2. Second year Student has to pay 75% of their total fee before MSE.
3. First three lecture conducted as per time table.

Departmental Exam Incharge
Mr. V. T. Metkari

H.O.D.
Mr. P. P. Kulkarni

(Head Electrical Engineering Dept.)
SANJEEVAN ENGINEERING AND
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EN 6315

DEPARTMENT OF ELECTRICAL ENGINEERING

Date: 09th May, 2022.

NOTICE

All the students of **Third Year (T.Y.)** and **Final Year (B. Tech.)** are to be informed that Mid Semester Examination (**MSE**) is scheduled on **12th May, 2022 to 14th May, 2022** for academic year 2021 - 2022. So examination timetable will be circulated shortly within a few days.

Note: 1. Examination will be conducted through offline mode.

2. Third year Student has to pay 75% of their total fee before MSE.

3. Final year students have to pay 100% of their total fee before MSE.

Departmental Exam Incharge

Mr. V. T. Metkari

H.O.D.

Mr. P. P. Kulkarni

(Head Electrical Engineering Dept.)
**SANJEEVAN ENGINEERING AND
TECHNOLOGY INSTITUTE, PANTHALA**
Somwar Peth, Tal. Panhala, Dist. Kolhapur-416 201
MAHARASHTRA INDIA

Department of Mechanical Engineering Academic Calendar Even Semester (2021-2022)

Month	Week No.	Week Days							No. of working days	Events
		MON	TUE	WED	THUR	FRI	SAT	SUN		
MARCH			1	2	3	4	5	6		
		7	8	9	10	11	12	13		
	1	14	15	16	17	18	19	20	4	14 - Commencement of Classes for T.Y and B.Tech
	2	21	22	23	24	25	26	27	6	18 - Dhulivandan, 23 to 26 - Sports Week
	3	28	29	30	31				4	28 - Declaration of Result for Odd Sem
APRIL	4					1	2	3	1	2 - Gudhi Padwa
	5	4	5	6	7	8	9	10	6	4- Guest Lecture for T.Y and B.Tech
	6	11	12	13	14	15	16	17	3	5 - Commencement of Classes for S.Y, 14 - Ambedkar Jayanti, 15 - Good Friday
	7	18	19	20	21	22	23	24	6	18 & 19 - CA1 Examination
	8	25	26	27	28	29	30		6	25 to 30 - Annual Social Gathering/ Convocation
MAY	9							1	0	1 - Maharashtra Day, 3 - RamzanEid
	10	2	3	4	5	6	7	8	4	5 - B.Tech 1 st Project Presentation, 6 - PARIKRAMA
	11	9	10	11	12	13	14	15	6	10 to 15 - Faculty Development Program
	12	16	17	18	19	20	21	22	4	12 to 14 - Mid Sem Examination of T.Y and B.Tech
	13	23	24	25	26	27	28	29	6	16 - Buddha Pournima
JUNE	14	30	31						2	30 - Guest Lecture for all Mechanical Students
	15			1	2	3	4	5	3	6 - Shivrajyabhishekdin Sohala
	16	6	7	8	9	10	11	12	6	6 to 7 - Mid Sem Examination of S.Y
	17	13	14	15	16	17	18	19	5	6 to 11 Exam form filling for Regular & Supplementary Examinations
	18	20	21	22	23	24	25	26	6	12 & 17 - CA2 Examination 13 to 17 - Exam form filling for Regular & Supplementary Exam with late fees
JULY	19	27	28	29	30				4	
	20					1	2	3	1	
	21	4	5	6	7	8	9	10	6	
	22	11	12	13	14	15	16	17	5	
	23	18	19	20	21	22	23	24	5	22 - End of Classes
AUGUST		25	26	27	28	29	30	31		25 to 30 - Practical/Project/Seminar Exam 26 to 31 - Uploding marks To University Portal
		1	2	3	4	5	6	7		1 to 30 - Submission of M.Tech. Dissertation
		8	9	10	11	12	13	14		9 - Muharram
		15	16	17	18	19	20	21		15 - Independence Day 16 - Parsi New Year
		22	23	24	25	26	27	28		
	29	30	31							31 - Shri Ganesh Chaturthi
									99	Commencement of Classes for Next semester 20th September 2022

Govt. Holiday

Activities

Unit Test

Holiday

Time Table incharge

Dr. Vinayak Deokar

HOD

Prof. Sardar B. Deshmukh





SANJEEVAN ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA
DEPARTMENT OF MECHANICAL ENGINEERING

AY:2021-22

Academic Calendar

Odd Semester

Month	Week No.	Week Days							No. of working days	Events
		MON	TUE	WED	THU	FRI	SAT	SUN		
SEPTEMBER	0			1	2	3	4	5		
	0	6	7	8	9	10	11	12		
	1	13	14	15	16	17	18	19	5	15 th Sept.-Commencement of TY and B.Tech. Classes
	2	20	21	22	23	24	25	26	6	
	3	27	28	29	30				4	
OCTOBER	3					1	2	3	1	
	4	4	5	6	7	8	9	10	6	4 th Oct.-Commencement of SY Classes
	5	11	12	13	14	15	16	17	4	5 th & 6 th Oct.-DBATU Internal Audit
	6	18	19	20	21	22	23	24	5	20 th & 21 st Oct.-CA-I for TY and B.Tech. Classes
	7	25	26	27	28	29	30	31	6	15 th Oct.-Dásara, 19 th Oct.-Eid EMilad
NOVEMBER	8	1	2	3	4	5	6	7	3	4 th & 5 th Nov.-Dipawali
	9	8	9	10	11	12	13	14	6	
	10	15	16	17	18	19	20	21	4	19 th Nov.-Gurunanak Jayanti
	11	22	23	24	25	26	27	28	6	26 th Nov.-Project Presentation - I
	12	29	30						2	
DECEMBER	12			1	2	3	4	5	3	
	13	6	7	8	9	10	11	12	6	6 th Dec.-CA I for SY B.Tech
	14	13	14	15	16	17	18	19	5	13 th & 14 th Dec.-MSE for TY and B.Tech
	15	20	21	22	23	24	25	26	5	20 th Dec.-Commencement of DSY Classes
	16	27	28	29	30	31			5	25 th Dec.-Christmas, 27 th Dec.-Project Presentation - II
JANUARY	16						1	2	0	
	17	3	4	5	6	7	8	9	6	12 th Jan.-End of TY and B.Tech.Classes
	18	10	11	12	13	14	15	16	5	13 th Jan.-CA- II for TY and B.Tech, MSE for SY
	19	17	18	19	20	21	22	23	6	17 th - 20 th Jan.-Practical oral for TY and B.Tech. Classes
	20	24	25	26	27	28	29	30	5	24 th Jan.-CA-I for DSY, 26 th Jan.-Republic Day.
FEBRUARY	21		1	2	3	4	5	6	4	
	22	7	8	9	10	11	12	13	6	
	23	14	15	16	17	18	19	20	5	19 th -Chtt. Shivaji Maharaj Jayanti
	24	21	22	23	24	25	26	27	6	26 th Feb.-End of DSY Classes, 28 th Feb.-Practical oral for DSY
	25	28							1	
								126		
Govt. Holiday		Activities			CA1, CA2, MSE					

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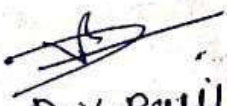
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Date: 11th October 2021

Time Table

Continuous Assessment I

Date	Time	Subject	
		Third Year	Fourth Year
20/10/2021	9.45am - 10.15am	Heat Transfer ✓	Mechatronics ✓
	10.30am - 11.00am	Applied Thermodynamics - I ✓	CAD/CAM
	11.30am - 12.00pm	Machine Design - I ✓	Manufacturing Processes -III ✓
21/10/2021	9.45am - 10.15am	Theory of Machines -II	RAAC ✓
	10.30am - 11.00am	Metrology & Quality Control ✓	Wind Energy
	11.30am - 12.00pm	Product Design Engineering - II ✓	--


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Date: 2nd Dec. 2021

Time Table

Continuous Assessment I

Date	Time	Sy. BTech
		Subject
06/12/2021	9.45am - 10.15am	Fluid Mechanics
	10.45am - 11.15am	Thermodynamics
	11.45am - 12.15pm	Machine Drawing/CAD
	12.45 pm - 1.15 pm	Material Science & Metallurgy
	2.15 pm - 3.15 pm	Engineerig Mathematics III


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Date: 19th Jan. 2022

Time Table

Continuous Assessment I (DSY)

Date	Time	S.Y. B.Tech
		Subject
24/01/2022	9.45am - 10.15am	Fluid Mechanics
	10.45am - 11.15am	Thermodynamics
	11.45am - 12.15pm	Machine Drawing/CAD
	12.45 pm - 01.15 pm	Material Science & Metallurgy
	2.15 pm - 03.15 pm	Engineerig Mathematics III


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Date: 6th Dec. 2021

Time Table

Mid Semester Examination

Date	Time	Subject	
		Third Year	Fourth Year
13/12/2021	10.45am - 11.45am	Heat Transfer ✓	Mechatronics ✓
	12.15pm - 01.15pm	Applied Thermodynamics - I ✓	CAD/CAM ✓
	02.30 pm - 03.30pm	Machine Design - I ✓	Manufacturing Processes -III ✓
14/12/2021	10.45am - 11.45am	Theory of Machines -II ✓	RAAC
	12.15pm - 01.15pm	Metrology & Quality Control ✓	--

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Date: 6th Dec. 2021

Time Table

Mid Semester Examination (Revised)

Date	Time	Subject	
		Third Year	Fourth Year
13/12/2021	10.45 am 11.45 am	Heat Transfer	Mechatronics
	12.15 pm 01.15 pm	Applied Thermodynamics - I	CAD/CAM
	02.30 pm 03.30 pm	Machine Design - I	Manufacturing Processes -III
14/10/2021	10.00 am 11.00 am	Theory of Machines -II	RAAC
	11.30 am 12.30 pm	Metrology & Quality Control (209)	Mechatronics (209)
	02.15 pm 03.15 pm	Heat Transfer (208)	CAD/CAM (209)
	03.30 pm 04.30 pm	Applied Thermodynamics - I (208)	----


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Date: 10th Jan. 2022

Time Table

Mid Semester Examination

Date	Time	Subject
		Second Year
13/01/2022	09.30 am 10.30 am	Fluid Mechanics
	10.45 am 11.45 am	Engineering Mathematics III
	12.00 pm 01.00 pm	Thermodynamics
	02.00 pm 03.00 pm	Machine Drawing and CAD
	03.15 pm 04.15 pm	Materials Science and Metallurgy

Note : 1. Mid Semester Examination will be conducted online.

2. 10 MCQ each having 1 mark and 5 MCQ each having 2 marks.

3. Prepare google sheet and link of same will send as per above time table in your respective group.


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Date: 1st Feb. 2022

Time Table (DSY)

Mid Semester Examination

Date	Time	Subject
		Second Year
07/02/2022	09.30 am 10.30 am	Fluid Mechanics ✓
	10.45 am 11.45 am	Engineering Mathematics III ✓
	12.00 pm 01.00 pm	Thermodynamics ✓
	02.00 pm 03.00 pm	Machine Drawing and CAD
	03.15 pm 04.15 pm	Materials Science and Metallurgy


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EN 6315

Date: 10th Jan. 2022

Time Table


Continuous Assessment II

Date	Time	Subject	
		Third Year	Fourth Year
13/01/2022	09.30 am 10.00 am	Heat Transfer	Mechatronics
	10.45 am 11.15 am	Applied Thermodynamics - I	CAD/CAM
	12.00 pm 12.30 pm	Machine Design - I	Manufacturing Processes -III
	02.00 pm 02.30 pm	Theory of Machines -II	RAAC
	03.15 pm 03.45 pm	Metrology & Quality Control	----

Note : 1. CA II exam will be conducted online.

2. 10 MCQ each having 1 mark.

3. Prepare google sheet and link of same will send as per above time table in your respective group.


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EN 6315

Date: 1st Feb. 2022

Time Table

Continuous Assessment II

Date	Time	S.Y. B.Tech
		Subject
07/02/2022	09.30 am - 10.00 am	Fluid Mechanics
	10.45 am - 11.15 am	Engineerig Mathematics III
	12.00 pm - 12.30 pm	Thermodynamics
	2.00 pm - 02.30 pm	Machine Drawing/CAD
	3.15 pm - 03.45 pm	Material Science & Metallurgy


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Date: 15th Feb. 2022

Time Table

Continuous Assessment II [DSY]

Date	Time	Subject
21/02/2022	09.30 am - 10.00 am	Fluid Mechanics
	10.15 am 10.45 am	Machine Drawing/CAD
	11.00 am – 11.30 am	Material Science & Metallurgy
	11.45 am 12.45 pm	Engineering Mathematics III
	01.00 pm – 01.30 pm	Thermodynamics

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Date: 11th June 2022

Time Table

Continuous Assessment II

Date	Time	Subject		
		⁷⁰ Second Year	⁴⁵ Third Year	⁶³ Fourth Year
21/06/2022	09.30 am - 10.00 am	✓ Manufacturing processes - I	Manufacturing Processes - II	✓ Fundamentals of Automotive System
	10.30 am - 11.00 am	✓ Theory of machines - I	✓ Machine Design - II	Non conventional ✓ energy resources
	11.30 am - 12.00 pm	✓ Strength of materials	✓ Applied Thermodynamics - II	--
	12.30 pm - 01.00 pm	Numerical methods in mechanical engineering ✓	✓ I.C. Engine	--
	01.30 pm - 02.00 pm	Interpersonal communication skill & self development ✓	QTPM ✓	--


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EN 6315

Date: 6th June 2022

Time Table

Mid Semester Examination

Date	Time	Subject
		Second Year
07/06/2022	09.30 am - 10.30am	Theory of machines - I
	11.00 am - 12.00 pm	Strength of materials
	12.30 pm - 1.30 pm	Numerical methods in mechanical engineering
	02.30 pm - 03.30 pm	Interpersonal communication skill & self development


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EN 6315

Date: 7th April 2022

Time Table

Continuous Assessment I

Date	Time	Subject	
		Third Year	Fourth Year
13/04/2022	10.00 am – 10.30 am	Manufacturing Processes - II	Fundamentals of Automotive System
	11.00 am – 11.30 am	Machine Design - II	Non conventional energy resources
	12.00 pm – 12.30 pm	Applied Thermodynamics - II	--
	2.00 pm – 2.30 pm	I.C. Engine	--
	3.00 pm – 3.30 pm	QTPM	--


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EN 6315

Date: 11th May 2022

Time Table

Mid Semester Examination

Date	Time	Subject	
		Third Year	Fourth Year
17/05/2022	10.00 am - 11.00am	Manufacturing Processes - II	Fundamentals of Automotive System
	12.00 pm - 01.00pm	Machine Design - II	Non conventional energy resources
	02.30 pm - 03.30pm	Applied Thermodynamics - II	--
18/05/2022	10.00 am - 11.00am	I.C. Engine	--
	12.00 pm - 01.00pm	QTPM	--


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Date: 11th May 2022

Time Table

Continuous Assessment I

Date	Time	Subject.
		Second Year
17/05/2022	10.00 am - 10.30am	Manufacturing processes - I
	12.00 pm - 12.30 pm	Theory of machines - I
	02.30 pm - 03.00pm	Strength of materials
18/05/2022	10.00 am - 10.30am	Numerical methods in mechanical engineering
	12.00 pm - 12.30 pm	Interpersonal communication skill & self development


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Date: 11th October 2021

NOTICE


A.Y - 2021-
CA

All the faculty members of Mechanical Engineering Department are here by informed that, Continuous Assessment I of B. Tech. Third year and Fourth Year is scheduled on 20th & 21st October 2021. Exam is conducted offline, so all should prepare the Question Paper and submit Soft as well as Hard copy on or before 13th oct. 2021.

Nature of Paper

Q.1 to Q6. Multiple Choice Question 1mark each.

Q7 & Q8. Descriptive 2 marks each.

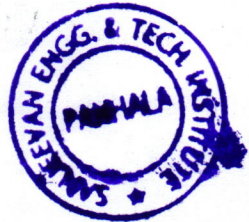

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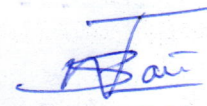
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