Question Paper Scrutiny Committee- Order

Order No.VAST TC /GEN/ORD/04/2021 20-02-2021

ORDER

Committee No. 30

The question paper scrutiny committee is here by constituted with the following members for the academic year 2020-21

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NAME	DESIGNATION
Dr.Neethu Raj	HOD
Ms.Sreejitha S.G	Assistant Professor
Ms.Anjana.N	Assistant professor

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NAME	DESIGNATION
Dr.M.C.John Wiselin	HOD
Ms.Liji Ramesan Shanthi	Assistant Professor
Ms. Asna S Asok	Assistant professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NAME	DESIGNATION
Ms. Divya Madhu	HOD i/c
Ms. Beena V R	Assistant Professor
Mr. Suraj S R	Assistant Professor

DEPARTMENT OF CIVIL ENGINEERING

NAME	DESIGNATION
Prof.K Vijayakumar	HOD
Mr.Lenin Babu	Assistant Professor
Mr.Hariprasad TR	Assistant professor

DEPARTMENT OF MECHANICAL ENGINEERING

NAME	DESIGNATION
Mr. Bijeesh P	HOD i/c
Mr.Robin David	Assistant Professor
Mr. Ajayakumar A G	Assistant professor

DEPARTMENT OF APPLIED SCIENCE

NAME	DESIGNATION
Ms. Saritha U M	Assistant Professor
Ms. Vigitha Vidyadhar	Assistant Professor

Frequency of meeting as required.

PRINCIPAL

Copy to
1. Executive Director, VICT
2. Project Director, VICT
3. Members
4. All HODs
5. All staff members (through e-mail)

VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS (A Unit of Vidya International Charitable Trust, Thrissur) Kilimanoor, Malakkal P.O., Trivandrum, Pin - 695 602

VIDYA ACADEMY OF SCIENCE & TECHNOLOGY TECHNICAL CAMPUS , KILIMANOOR
(A Unit of Vidya International Charitable Trust)

Department of Electronics and Communication Engineering

INTERNAL EXAMINATION 1 / 2 - QUESTION PAPER REVIEW CHECK LIST

Name of the course with code	ECT 205 Network Theory
Faculty in charge	Mr. Chandu C. B.

Sl. No.	Description	Question paper 1		Question paper 2		Comments
		Yes	No	Yes	No	
1	Are course code, name, marks and duration are mentioned?	✓		✓		
2	Is the question paper set for 25 marks?	✓		✓		
3	Whether the questions are distributed evenly according to the modules/topics?	✓		✓		
4	Whether 50% of the questions are of higher order thinking skills?		✓		✓	
5	Whether usage of code books and tables needed for answering the questions are mentioned ?	—	—	—	—	
6	Whether spelling, typing error and grammatical errors have been checked?	✓		✓		
7	Are there any repetitive questions among the sub divisions?		✓		✓	
8	Whether the question numbers are sequential ?	✓		✓		
9	Whether all questions are mapped against corresponding COs?	✓		✓		
10	Whether Bloom's Taxonomy levels of all questions are mentioned?	✓		✓		
Additional comments if any?						

Name & Designation of the Reviewers	Sreepathia SA.	
Signature with date		
Signature of HoD with date		

Name:.....

Roll No:.....

VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL CAMPUS, KILIMANOOR, THIRUVANANTHAPURAM-695602

Third Semester B. Tech Degree - 2019 Scheme

Internal Test -2

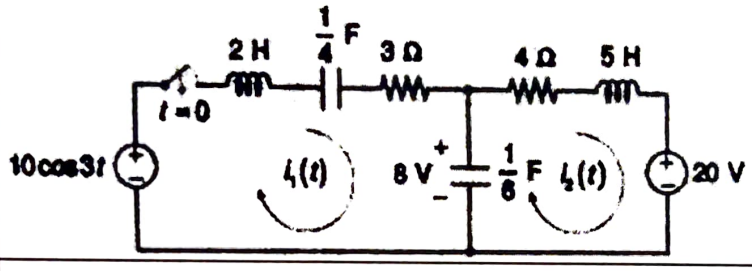
ELECTRONICS AND COMMUNICATION ENGINEERING

ECT 205 NETWORK THEORY (S3 ECE)

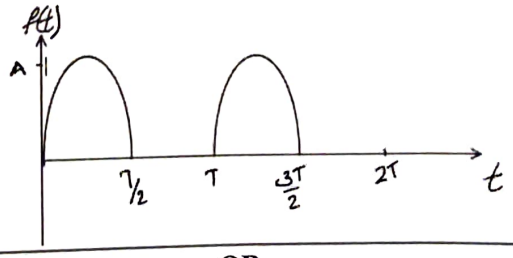
Time: 1 Hours **Max. Marks:** 25

PART-A

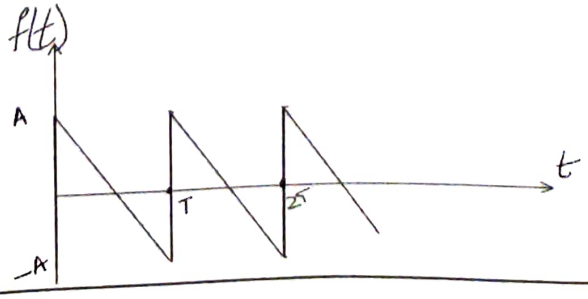
(Answer ***any two*** questions. Each question carry 3 marks)

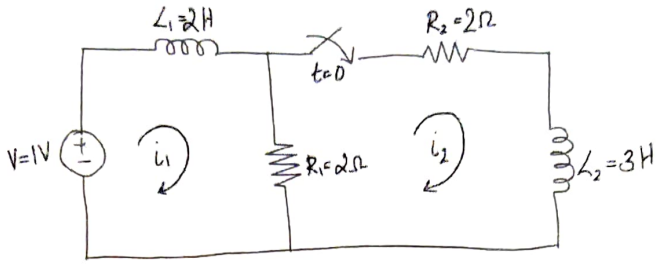
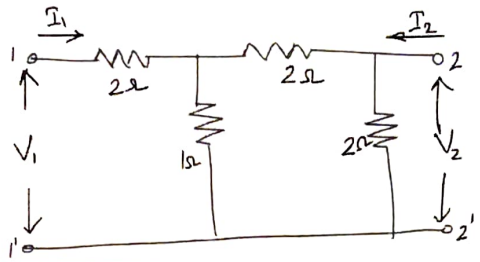
Qn.No.	Questions	Marks	CO	BL
1	Draw the laplace transformed circuit . 	3	5	3
2	Derive the response of a series RC circuit for a step input	3	5	3
3	Explain Network function. List the different network functions	3	5	1

PART-B

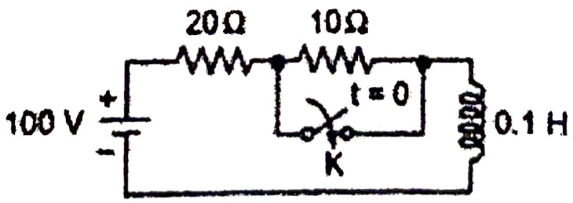
Qn.No.	Questions	Marks	CO	BL
4	Determine the Laplace transform of the periodic rectified half sine wave. 	9	4	3

OR

Qn.No.	Questions	Marks	CO	BL
5	Determine the Laplace transform of the periodic saw-tooth waveform. 	9	4	3

Qn.No.	Questions	Marks	CO	BL
6	a. Determine the current in the inductor L_2 in the figure shown, after the switch is closed at t-=0. Assume that the voltage source *v(t)* is applied at t= -∞.  	6	5	3
	b. Derive the Short circuit admittance parameters of the given circuit.  	4	6	3

OR

Qn.No.	Questions	Marks	CO	BL
7	a. A DC voltage 100 V is applied in the circuit shown in the figure, and the switch K is kept open. The switch is closed at t=0. Determine the resulting current.  	6	5	3
	b. Deduce the equations for Transmission parameters in terms of Z parameters.	4	6	4

SIGNATURE OF THE EXAMINER	SIGNATURE OF THE SCRUTINIZER	SIGNATURE OF HOD

Name:.....

Roll No:.....

VIDYA ACADEMY OF SCIENCE AND TECHNOLOGY TECHNICAL CAMPUS, KILIMANOOR, THIRUVANANTHAPURAM-695602

Third Semester B. Tech Degree - 2019 Scheme

Internal Test -2

ELECTRONICS AND COMMUNICATION ENGINEERING

ECT 205 NETWORK THEORY (S3 ECE)

Time: 1 Hours **Max. Marks:** 25

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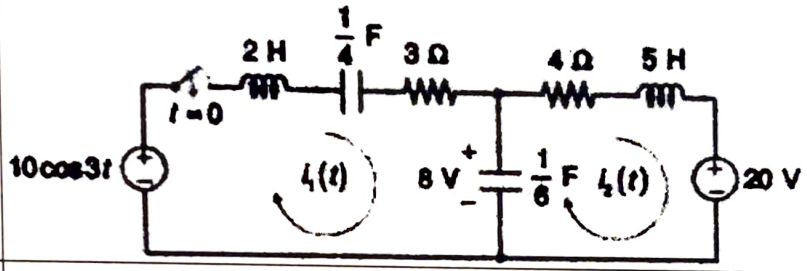
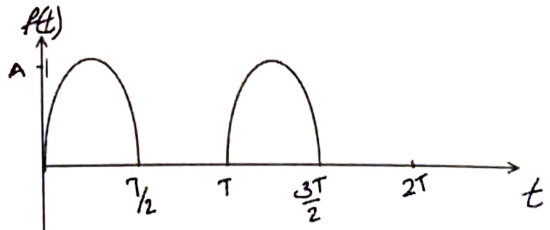
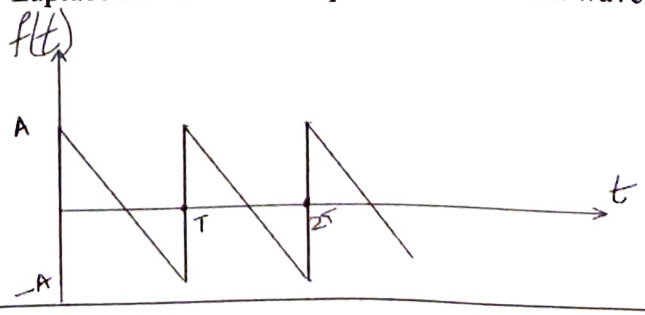
(Answer ***any two*** questions. Each question carry 3 marks)

Qn.No.	Questions	Marks	CO	BL
1	Draw the laplace transformed circuit . 	3	5	3
2	Write the mesh equations for the above circuit in s-domain.	3	5	3
3	Explain Network function. List the different network functions	3	5	1

PART-B

Qn.No.	Questions	Marks	CO	BL
4	Determine the Laplace transform of the periodic rectified half sine wave. 	9	4	3

OR

Qn.No.	Questions	Marks	CO	BL
5	Determine the Laplace transform of the periodic saw-tooth waveform. 	9	4	3

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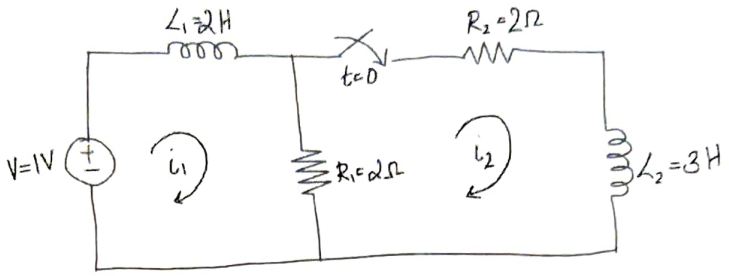
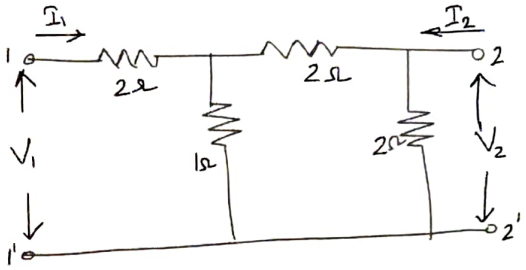
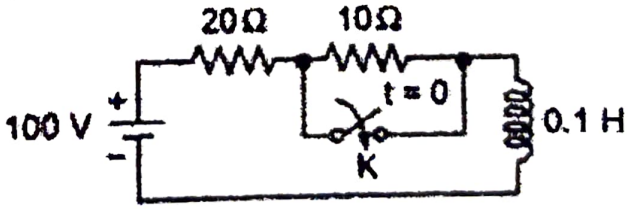
6	a. Determine the current in the inductor L_2 in the figure shown, after the switch is closed at t-=0. Assume that the voltage source *v(t)* is applied at t= -∞. 	6	5	3
	b. Derive the Short circuit admittance parameters of the given circuit. 	4	6	3

OR

Qn.No.	Questions	Marks	CO	BL
7	a. A DC voltage 100 V is applied in the circuit shown in the figure, and the switch K is kept open. The switch is closed at t=0. Determine the resulting current. 	6	5	3
	b. Deduce the equations for Transmission parameters in terms of Z parameters.	4	6	4

SIGNATURE OF THE EXAMINER	SIGNATURE OF THE SCRUTINIZER	SIGNATURE OF HOD