



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



Vidya Academy of Science & Technology Technical Campus

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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)



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

Department of Mechanical Engineering

INTERNAL EXAMINATION 1 / 2 - QUESTION PAPER REVIEW CHECK LIST

Name of the course with code	MCN 301 : Disaster Management
Faculty in charge	Naveen 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 50 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?	NA		NA		
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?						

Nil

Name & Designation of the Reviewers	Robin David	Ajaya Kumar AG
Signature with date		
Signature of HoD with date		

Name:.....

Roll No:.....

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



Fifth Semester B. Tech Degree - 2019 Scheme

Internal Examination -1

MECHANICAL ENGINEERING
ODD SEMESTER (2021-2022)

MCN301 Disaster Management

Duration: 2 Hours

Max. Marks: 50

PART-A

Answer all questions, each carries 3 marks

(15 Marks)

Qn.No.	Questions	Marks	CO	BL
1	Outline the mechanism by which the Ozone layer protects earth from harmful UV rays	3	1	3
2	Briefly explain about disasters and their causes?	3	1	2
3	Identify the reasons for horizontal temperature variations in troposphere	3	1	3
4	List the different types of rocks	3	1	2
5	What are the various types of hazards	3	2	3

PART-B




Answer any one full question from each part

(35 Marks)

Qn.No.	Questions	Marks	CO	BL
6	a. Explain the concept of 'Green House effect	10	1	2
	b. What is the purpose of Disaster Management?	4	1	3
OR				
7	Explain the below terms a) Early warning Systems b) Disaster Preparedness c) Disaster Risk Management d) Disaster Prevention	14	1	3



8	a. What is disaster mitigation	8	1	
	b. Explain the origin of Cyclones, types and its impacts	6	1	
OR				
9	Explain the below terms.	14	1	
	a) Exposure			
	b) Resilience			
	c) Disaster risk reduction			
	d) Capacity			
OR				
10	Define the terms Risk, Vulnerability and crisis	7	2	2
OR				
11	Explain the difference between Hazards and Disaster	7	2	3

		
Signature of Faculty	Signature of Question Paper Scrutiny	Signature of HOD

Name:.....

Roll No:.....

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9	Write a notes on Air pollution.	10	2	1
OR				
10	Technology can be treated as a double side coin .Comment on this statement with reference to agriculture.	10	2	2

		
SIGNATURE OF THE EXAMINER	SIGNATURE OF THE SCRUTINIZER	SIGNATURE OF HOD