b. what is drought? What are the classifications of drought (explain) 6

5. a. write the principle of disaster management. 5

b. what is preparedness? Write the objectives of preparedness.

6. a. Write the mitigation of man-made Disasters. 5

b. Define drought. Write the classification of drought. 5

7. a) What is remote sensing (Explain). 3

b) Define GIS. Write the specific application of GIS in case of disaster management 7

8. a. Write the concept of disaster management. what are the objectives of Disaster Management. 6

b. What are the types of Hazards and explain each one. 4

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M. Tech Odd Semester Examination, February, 2023

Agricultural Engineering / Electronics & Communcation Engineering
(1st Semester)

Course No.: 1ST-103 (Old) /MASH-103 / MECE-108
(Disaster Management)

Full Marks: 50
Pass Marks: 25

Time: 2 hours

Note : 1. Question No. 1 is compulsory.
2. Answer any four questions excluding Question No. 1.
3. Answer parts of a question at a place.
4. Assume reasonable data wherever required.
5. The figures in the right margin indicate full marks for the question.

1. a. Write short notes: 10

i) Hazard   ii) Vulnerability

iii) Resilience   iv) Capacity

v) Earthquake

2. a. Write the difference between Hazard and Disaster. 5

b. Write the impact of disaster. 5

3. a. Write the Causes of earthquakes, landslides and volcanic eruptions. Difference between tsunamis and ocean waves. 3+2

b. write the causes of floods 5

4. a. How to Minimize landside hazards. 4

Turn Over