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GIS 504

Third Semester M.Sc. Degree Examination, December 2018/January 2019
GEOINFORMATICS
Disaster Management

Time : 3 Hours

Max. Marks : 70

I. Define **any five** of the following.

(2×5=10)

- 1) Cyclone.
- 2) Hazardous material.
- 3) Limnic eruptions.
- 4) Global warming.
- 5) Tsunami.
- 6) Meteorological disaster.
- 7) Seismogram.

II. Write short notes on **any five** of the following.

(4×5=20)

- 8) Hurricane.
- 9) Vulnerability reduction.
- 10) Land subsidence.
- 11) Mitigation measures for forest fire.
- 12) Management plan.
- 13) Water and sanitation.
- 14) Seismic waves and their characteristics.

P.T.O.



III. Answer **any four** of the following.

(5×4=20)

- 15) Write a note on different types of volcanoes.
- 16) Explain the role of military and paramilitary forces during disaster.
- 17) Write a note on GIS technology in Rehabilitation.
- 18) Define drought and factors which causes droughts.
- 19) Explain the resource and material management in natural hazards.

IV. Essay type questions.

20) Define Disaster. Discuss in detail the post disaster relief and logistics management.

10

OR

Explain the techniques of RS and GIS for Flood monitoring and mapping.

21) What is Landslide ? Discuss in detail the role of landslides in geomorphologic changes.

10

OR

Give a detailed account of tropical and extra tropical cyclones.
