

2019

B.Sc.

1st Semester Examination

GEOGRAPHY (Honours)

Paper - GE 1-T

Full Marks : 60

Time : 3 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

1. Answer any *two* questions of the following :

2×10=20

- (a) Define vulnerability and explain the methods of vulnerability analysis with reference to physical environment of the coastal region.
- (b) Discuss the causes, impacts and dimensions of earthquake hazards.

[Turn Over]

- (c) Discuss the preparedness, impacts and management of any of the recent cyclones along Bay of Bengal coast.
- (d) Write the distribution of drought prone area in India. What is forecasting ?

Group - B

2. Answer any *four* questions of the following :

4×5=20

- (a) Identify the differences between hazards and disasters in reference to concepts and paradigms.
- (b) Specify various facets of Integrated disaster management system.
- (c) Discuss the post recovery measures of landslide hazard.
- (d) Discuss the economic aspects for rehabilitation of post disaster stage.
- (e) Discuss the role of geospatial technology in identifying the hazard zone.
- (f) How does NDMA respond and mitigate the disaster through planning ?

Group - C

3. Answer any *ten* questions from the following :

10×2=20

- (a) What is cultural hazard ?
- (b) What do you mean by immediate relief in disaster prone area ?
- (c) What is regional level training rescue programme ?
- (d) What is land use zoning ?
- (e) Define community based disaster management.
- (f) What is flood hazard ?
- (g) Define tramua and aftermath of hazard.
- (h) What is Richter scale ?
- (i) What is seismograph ?
- (j) What do you mean by sheet erosion ?
- (k) What are wind breakers ?
- (l) Give two examples of toxic chemicals affecting soil.

[Turn Over]

- (m) Write two measures of coastal disaster management.
 - (n) Name two National organisations in disaster management.
 - (o) Identify some animal induced hazards.
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