

**FYUG Odd Semester Exam., 2024**

**GEOGRAPHY**

**( 3rd Semester )**

Course No. : GEOIDC-201T

**( Disaster Management )**

*Full Marks : 70*

*Pass Marks : 28*

*Time : 3 hours*

*The figures in the margin indicate full marks  
for the questions*

**UNIT—I**

**1. Answer any four from the following :      1×4=4**

- (a) Name one man-induced disaster.
- (b) Under which earthquake zone does North-East India fall?
- (c) Mention one measure of mitigation of flood hazard.

(d) Whether the weak dam of a big hydel project is considered as disaster or hazard?

(e) When did the Bhopal Gas Tragedy take place?

2. Answer any *one* from the following : 2

(a) Define vulnerability.

(b) What is a disaster?

3. Answer any *one* from the following : 8

(a) Critically discuss the problem of flood hazard in Assam giving appropriate examples.

(b) Explain the preparedness and mitigation plan for earthquake hazard in our country.

## UNIT—II

4. Answer any *four* from the following : 1×4=4

(a) What is the main cause of earthquake hazard in North-East India?

(b) Mention an effect of flood disaster.

- (c) Which man-made disaster ended the World War-II?
- (d) Name one of the techniques involved in disaster mapping.
- (e) Name one of the diseases that takes place after the occurrence of flood disaster.

5. Answer any *one* from the following : 2

- (a) What do you understand by 'rescue operation' in disaster management?
- (b) List four man-induced disasters in the world.

6. Answer any *one* from the following : 8

- (a) Critically discuss the causes and consequences of flood disaster in India.
- (b) Write an explanatory note on the need and operation of hygiene, sanitation and nutrition during and after a disaster occurs.

**UNIT—III**

7. Answer any *four* from the following :  $1 \times 4 = 4$

(a) What was the gas that became the tragedy for killing about 2500 people in Bhopal?

(b) What substance is mostly used in nuclear powerplants in India?

~~(c)~~ Mention one industrial nuclear disaster of the world.

~~(d)~~ How many nuclear powerplants are there in India?

~~(e)~~ What is Richter Scale?

8. Answer any *one* from the following : 2

(a) What is a Tsunami?

(b) Write shortly on Bengal famine.

9. Answer any *one* from the following : 8

(a) Write an explanatory note on the origin, spread and consequences of COVID-19 disaster in the world.

(b) Write an explanatory note on the use of ITC, GPS and Drone in disaster management.

**UNIT—IV**

**10.** Answer any *four* from the following : 1×4=4

- (a) What is the full form of SDMA?
- (b) Which is the Nodal Ministry for disaster management in our country?
- (c) In which year the Disaster Management Act was passed?
- (d) What is seismograph?
- (e) Write the full form of NDRF.

**11.** Answer any *one* from the following : 2

- (a) What is a mock drill in disaster management?
- (b) Define rescue operation.

**12.** Answer any *one* from the following : 8

- (a) Discuss the role of Disaster Management Authority in mitigating disasters in the view of Disaster Management Act of our country.
- (b) Discuss the features of Disaster Management Act, 2005.

UNIT—V

13. Answer any *four* from the following :  $1 \times 4 = 4$

- (a) What is the name of the district of Kerala that has undergone a devastating landslide disaster on 30th July, 2024?
- (b) Where did the Super Cyclone Disaster take place in India in 1999? *Orissa*
- (c) Which is the hydro-power project of Bhutan mostly responsible for the occurrence of flood in lower Assam?
- (d) By what name is the cyclonic wind known in Western Pacific Region?
- (e)* What is the term used for denoting the source region of an earthquake inside the earth?

14. Answer any *one* from the following : 2

- (a) Define Disaster Management.
- (b) Why are the cyclonic effects not seen prominently in the interior land surface?

( Continued )

15. Answer any *one* from the following :

8

- (a) Critically discuss the problems associated with the resettlement and rehabilitation of disaster-affected people in our country.
- (b) What, according to you would be the suggestive measures for mitigating landslide disaster in your region? Illustrate.

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India has 23 nuclear  
reactors in operation in  
8 nuclear power plants