

**MA/M.Sc. GEOGRAPHY
FOURTH SEMESTER
HAZARDS & DISASTER MANAGEMENT: ISSUES AND POLICIES
MGE-403B**

Duration : 3 hrs.

Full Marks: 70

[PART-A: Objective]

Time : 20 min.

Marks : 20

Choose the correct answer from the following:

1X20=20

- 59% of India's landmass is vulnerable to
 - Flood
 - Drought
 - Earthquake
 - All of above
- Nonstructural elements can be classified in the following three categories
 - architectural elements, building; and basic installations
 - architectural elements, equipment and furnishings; and basic installations
 - architectural elements, building; and housing installations
 - None of these
- represents long-term development assistance, which could help people in the affected areas to rebuild their lives and meet their present and future needs.
 - Rehabilitation
 - Reconstruction
 - Capacity building
 - None of above
- The term ----- is used to embrace both the rehabilitation and reconstruction activities.
 - Mitigation
 - Recovery
 - Preparedness
 - All of above
- Which is not a cause of flood in North East India?
 - Heavy rainfall
 - Unique physiography
 - North east monsoon
 - South west monsoon
- Which is a correct sequence in disaster management?
 - Preparedness, Response, Mitigation
 - Mitigation, Response, Preparedness
 - Preparedness, Rehabilitation, Response
 - All of above
- International Decade for Natural Disaster Reduction dedicated to reducing-
 - Loss of life, property damage, social and economic disruption
 - Loss of life, property damage, social and religious disruption
 - Loss of life, property enhance, social and economic disruption
 - None of these
- During an earthquake event, attention is given on location of the
 - Focus
 - Epicenter
 - Eye
 - All of above

9. The earthquake of magnitude 8 in Richter scale is --- times stronger than an earthquake of 7 in Richter scale (Fill in the blank)
- a. 2
c. 100
- b. 10
d. 56
10. 1950 Earthquake occurred on
- a. 1 August
c. 15 August
- b. 10 August
d. None of above
11. Major damage was occurred in of Assam during 1950 earthquake
- a. Tezpur
c. Sadiya
- b. Chandubi
d. Dibrugarh
12. Cyclone is a region of ---atmospheric pressure surrounded by ----atmospheric pressure resulting in swirling atmospheric disturbance accompanied by powerful winds.
- a. Low, high
c. Clock wise, anticlockwise
- b. High, low
d. None of above
13. Hurricane is a cyclone prevalent in
- a. North Atlantic ocean
c. South Pacific Ocean
- b. Northwest Pacific Ocean
d. All of Above
14. Which of the following travel at high speed in an earthquake?
- a. P wave
c. Body wave
- b. S wave
d. All of above have equal speed
15. Chandubi lake in Assam was formed as a result of
- a. 1950 earthquake
c. 1897 earthquake
- b. 1930 earthquake
d. 1526 earthquake
16. About two third of the cyclones in the Indian coastline occur in the ----
- a. Arabian sea
c. Bay of Bengal
- b. Indian ocean
d. All of above
17. Union Carbide India Limited factory was built in India and the factory was responsible for a major accident in the state of -----
- a. Madhya Pradesh
c. Orissa
- b. Bhopal
d. Maharashtra
18. Which of the following accounts for maximum unnatural deaths in India?
- a. Natural causes
c. Road accidents
- b. Fire
d. Railway accidents
19. Which is/are the factors that trigger landslides in India?
- a. Deforestation
c. Shifting cultivation
- b. Earthquake
d. All of above

20. Chernobyl disaster was a
a. Nuclear accident
c. Earthquake

b. Tsunami
d. All of above

(PART-B : Descriptive)

Time: 2 HRS 40 MINS

Marks : 50

[Answer question no.(1) & any four (4) from the rest]

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|---|--------|
| 1. Discuss about hazard vulnerability in India. Mention a few major hazard events in India. | 6+4=10 |
| 2. Write about recovery and reconstruction of physical and social infrastructure in disaster management. | 10 |
| 3. Discuss disaster prevention through sustainable development. | 10 |
| 4. Write short notes on :
I) Importance of medical aid therapy and counseling in disaster situation
II) Landslides in India | 5+5=10 |
| 5. Describe the role of community participation in disaster management. | 10 |
| 6. What are the causes of floods in North East India? Write about different flood mitigation measures. | 10 |
| 7. Describe the role of micro finance in disaster management. | 10 |
| 8. Discuss causes and consequences of 1897 and 1950 earthquakes in North East India. | 10 |

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