

REV-01
MGE/15/20

2023/06

MA/ M.Sc. GEOGRAPHY
FOURTH SEMESTER
HAZARDS & DISASTER MANAGEMENT:
ISSUES & POLICIES
MGE - 403B
(USE OMR FOR OBJECTIVE PART)

**SET
A**

Duration : 3 hrs.

Full Marks : 70

Time : 30 min.

(Objective)

Marks : 20

Choose the correct answer from the following:

1X20=20

- Which of the following seismic wave travels fast?
 - Body wave
 - P- wave
 - S- wave
 - Surface wave
- An earthquake of magnitude----- is the smallest normally felt by humans.
 - 3
 - 4
 - 5
 - 6
- IDNDR stand for
 - International Development for Natural Disaster Reduction
 - International Decade for National Disaster Reduction
 - International Development for National Disaster Reduction
 - International Decade for Natural Disaster Reduction
- The term ----- is used to embrace both the rehabilitation and reconstruction activities.
 - Mitigation
 - Recovery
 - Preparedness
 - All of above
- GFDRR stand for
 - Geographical Facility for Disaster Risk Reduction
 - Global Faculty for Disaster Risk Reduction
 - Global Facility for Distance Risk Reduction
 - Global Facility for Disaster Risk Reduction
- World conference on Natural Disaster Reduction, Yokohama, Japan held during
 - 23-27 May 1995
 - 23-27 May 1993
 - 23-27 May 1994
 - 23-27 May 1996
- Around 68 per cent of India's total area is prone to
 - Flood
 - Earthquake
 - Drought
 - None of above
- World Conference on Disaster Reduction, Hyogo, Japan held during
 - 18-22 March 2005
 - 18-22 April 2005
 - 18-22 February 2005
 - 18-22 January 2005

NLRMP aims at management of

- a. Earthquake
- b. Flood
- c. Road accidents
- d. Landslide

Which type of drought starts first?

- a. Meteorological drought
- b. Hydrological drought
- c. Agricultural drought
- d. All occur together

Around --- per cent of land in India is prone to flood (Fill in the blank)

- a. 10
- b. 12
- c. 30
- d. 68

Cyclone is a region of ---atmospheric pressure surrounded by ---atmospheric pressure resulting in swirling atmospheric disturbance accompanied by powerful winds.

- a. Low, high
- b. High, low
- c. Clock wise, anticlockwise
- d. None of above

Willie-Willie is a cyclone prevalent in

- a. Sri Lanka
- b. Japan
- c. South America
- d. Australia

Modified Mercalli Scale measures earthquake in a scale of

- a. 0--XII
- b. I--X
- c. I--XII
- d. 0--X

Falls, Flow and Creep are terms associated with

- a. Flood
- b. Earthquake
- c. Landslide
- d. None of above

About two third (2/3) of the cyclones in the Indian coastline occur in -----

- a. Bay of Bengal
- b. Arabian sea
- c. Indian Ocean
- d. All of above

Bhopal Gas tragedy occurred on

- a. December 1, 1981
- b. December 3, 1984
- c. June 30, 1985
- d. December 2, 1982

Which of the following accounts for maximum unnatural deaths in India?

- a. Natural causes
- b. Fire
- c. Road accidents
- d. Railway accidents

Food distribution, riots, power failure etc are situations in ----- which accounts for many injuries and deaths in India

- a. Flood
- b. Pandemic
- c. War
- d. Stampede

Chernobyl nuclear accident occurred in the year

- a. 1984
- b. 1981
- c. 1985
- d. 1986

(Descriptive)

Time : 2 hrs. 30 mins.

Marks : 50

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

1. Write about causes, consequences and mitigation measures of floods in North East India. 3+3+4
=10
2. Explain different steps involved in Rehabilitation, Reconstruction and Recovery. 10
3. What are seismic waves? Write about different types of seismic waves. 2+8=10
4. Write short notes on (*any two*) 5+5=10
 - a. Cyclone
 - b. Biological disaster
 - c. Landslides
5. What is drought? Write about different types of droughts. 10
6. Write a note on Yokohama Declaration. 10
7. Write short notes on (*any two*) 10
 - a. Chernobyl accident
 - b. Bhopal Gas Tragedy
 - c. 2001 Gujrat Earthquake
8. Write a note on social and economic rehabilitation. 10

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