

**Write the following information in the first page of Answer Script before starting answer**

ODD SEMESTER EXAMINATION: 2020-21

Exam ID Number \_\_\_\_\_

Course \_\_\_\_\_ Semester \_\_\_\_\_

Paper Code \_\_\_\_\_ Paper Title \_\_\_\_\_

Type of Exam: \_\_\_\_\_ (Regular/Back/Improvement)

**Important Instruction for students:**

1. Student should write objective and descriptive answer on plain white paper.
2. Give page number in each page starting from 1<sup>st</sup> page.
3. After completion of examination, Scan all pages, convert into a single PDF, rename the file with Class Roll No. **(2019MBA15)** and upload to the Google classroom as attachment.
4. Exam timing from 10am – 1pm (for morning shift).
5. Question Paper will be uploaded before 10 mins from the schedule time.
6. Additional 20 mins time will be given for scanning and uploading the single PDF file.
7. Student will be marked as ABSENT if failed to upload the PDF answer script due to any reason.

**MA/M.Sc. GEOGRAPHY**  
**THIRD SEMESTER**  
**HAZARDS & DISASTER MANAGEMENT: BASIC CONCEPTS**  
**MGE-304 B**

Duration : 3 hrs.

Full Marks : 70

**( PART-A : Objective )**

Time : 20 min.

Marks : 20

*Choose the correct answer from the following:*

**1X20=20**

1. Major hazard in India in terms of economic loss:
  - a. Flood
  - b. Drought
  - c. Landslide
  - d. Earthquake
2. The word 'hazard' owes its origin to the word 'hasard' in old:
  - a. Greek
  - b. Latin
  - c. French
  - d. Roman
3. The extent to which a community, structure, services or geographic area is likely to be damaged or disrupted by the impact of particular hazard, is called:
  - a. Disaster
  - b. Vulnerability
  - c. Capacity
  - d. Risk
4. The most common hazard in forest is:
  - a. Forest fire
  - b. Flood
  - c. Landslide
  - d. All of above
5. Stress is an example of..... hazard.
  - a. Chemical
  - b. Physical
  - c. Ergonomic
  - d. All
6. The Sendai framework is related to:
  - a. Disaster reduction
  - b. Disaster risk reduction
  - c. Vulnerability reduction
  - d. Hazard reduction
7. Types of man-made hazards are:
  - a. 2
  - b. 3
  - c. 4
  - d. 5
8. Bhopal gas tragedy occurred on..... 1984.
  - a. 1 December
  - b. 3 December
  - c. 20 November
  - d. 21 November
9. Bhopal gas tragedy occurred due to release of:
  - a. Arsenic
  - b. MCI
  - c. MIC
  - d. All
10. Chernobyl disaster was related to:
  - a. Nuclear accident
  - b. Transport accident
  - c. Bomb blast
  - d. None

11. Routes of entry of chemicals to human body are-
- |      |      |
|------|------|
| a. 2 | b. 4 |
| c. 5 | d. 3 |
12. UNEP stands for:
- |                                      |   |
|--------------------------------------|---|
| a. United Nations Environmental Plan | b. United Nations Environmental Programme |
| c. UN Educational Plan               | d. None                                   |
13. Onset of drought means deficiency of a particular year's rainfall exceeding..... per cent of normal.
- |       |       |
|-------|-------|
| a. 10 | b. 25 |
| c. 33 | d. 50 |
14. An active volcano Mauna Loa is located in:
- |                |           |
|----------------|-----------|
| a. Hawaii, USA | b. Brazil |
| c. Japan       | d. Italy  |
15. In which earthquake, the stones on the roads of Shillong are said to have "vibrated like peas on a drum"?
- |                              |                     |
|------------------------------|---------------------|
| a. Cachar Earthquake         | b. Latur Earthquake |
| c. Great Earthquake of Assam | d. Bhuj Earthquake  |
16. From the following, which one is the natural hazard?
- |               |                  |
|---------------|------------------|
| a. Earthquake | b. Landslide     |
| c. Cyclone    | d. All the above |
17. Major tsunamis are generated by earthquakes along:
- |                      |                       |
|----------------------|-----------------------|
| a. Divergent margins | b. Convergent margins |
| c. Transform margin  | d. None of the above  |
18. Which of the following volcanoes is known for its most destructive volcanic eruption in recorded history?
- |                      |                    |
|----------------------|--------------------|
| a. Mount Kilimanjaro | b. Mauna Loa       |
| c. Krakatoa          | d. Mount St Helens |
19. What is Ring of Fire?
- |   |  |
|---|--|
| a. Belt of volcanoes in the Circum Pacific region | b. Belt of volcanoes in the mid-continental region |
| c. Belt of volcanoes in the mid-Atlantic region   | d. None of the above                               |
20. Which is the most landslide prone area in India?
- |                                    |                         |
|------------------------------------|-------------------------|
| a. Ganges valley region            | b. South Indian plateau |
| c. Himalaya and north eastern hill | d. None of the above    |

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**( PART-B : Descriptive )**

**Time : 2 hrs. 40 min.**

**Marks : 50**

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

1. Define the terms Hazard, Vulnerability, Capacity, Risk and Disaster. 10
2. What is disaster management cycle? Explain in the context of flood hazard in North East India. 10
3. Explain the causes and consequences of Earthquakes. 5+5=10
4. What is landslide? Describe the causes of landslide with suitable example from Northeast India. 2+8=10
5. What do you mean by flood? Explain the causes and its remedies. 2+4+4=10
6. Write a short notes on: 5×2=10
  - a. Drought
  - b. Cyclones
7. What are different causes of man-made hazards? Discuss causes and consequences of any one man-made hazard. 10
8. Write short notes on: 5×2=10
  - a. Biological hazard
  - b. Forest fire

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