

FUNDAMENTALS OF DISASTER MANAGEMENT (THEORY-1)**Marks**

1. (a) Fill in the blank (any five) :—

5

(i) From given alternative is Natural disaster.

(a) Chemical spoil

(b) Earthquake

(c) Volcanism

(d) B & C.

(ii) Earthquake magnitude is measured in

(a) Hertz

(b) Richter scale

(c) Decibel

(d) All of the above.

(iii) Disaster Management Act came in force in year

(a) 2006

(b) 2005

(c) 2000

(d) 2002.

(iv) flood disaster is include due to

(a) Natural

(b) Manmade

(c) Both (a) & (b)

(d) None of above.

(v) Cyclone frequently occurred mainly in area

(a) Bay of Bengal

(b) Central India

(c) North India

(d) None of above.

(vi) Bhopal gas tragedy 1984 is due to leakage of gas

(a) Methyl isocyanide

(b) Methyl chloride

(c) Mercury

(d) Lead.

(b) State *true* or *false* :—

5

(i) Natural disaster destroy only environment.

(ii) Predictability and controllability are the characteristic.

(iii) Floods and cyclone tsunamis is related to water disaster.

(iv) A practical disaster recovery plan only applying industries.

(v) Disaster management planning should focus on small scale events.

(c) Write the Long forms :—

5

(i) DRP

(ii) NIDM

(iii) ARC

(iv) DMG

(v) NDMRC.

- (d) Match the following pairs :— 5
- | ‘A’ Group | ‘B’ Group |
|-----------------------------|--|
| (i) Disaster response | (a) Environmental Disruption. |
| (ii) Rehabilitation phase | (b) Health, Teaching and Nursing. |
| (iii) Disaster preparedness | (c) Protection of vulnerable population. |
| (iv) Disaster mitigation | (d) Water supply and food safety. |
| (v) Disaster effects | (e) Vaccination of nutrition |
| | (f) Effects of embankments. |
2. Attempt any *two* of the following :— 16
- What is Disaster ? Give it's types and characteristics.
 - Write in brief about disaster management.
 - Describe the elements of disaster management.
 - Describe in brief Latur earthquake study with its impacts.
3. Attempt any *two* of the following :— 16
- Describe the disaster potential in India with example ?
 - What is Disaster preparedness ?
 - How is the Disaster Relief carried out when disaster is occurred ?
 - How the Social Rehabilitation is important after disaster ?
4. Attempt any *two* of the following :— 16
- Describe the case study of landslide along major river basin.
 - Write the desertification process in brief.
 - Define chemical disaster. Describe it's consequences on Human being.
 - State the significance of communication procedure in disaster preparedness.
5. Write short notes on any *four* of the following :— 16
- Risk factor model
 - Domains approach
 - Damage inspection
 - Scope of disaster management
 - Disaster hazard assessment.
6. Attempt any *two* of the following :— 16
- Explain the causes and effects of Flood.
 - Describe the cause and effects of urban disaster in brief.
 - What is the social science approach in disaster management.
 - State the disaster mitigation procedure with suitable examples.