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HS 1318E053

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2019

B.Tech. 8th Semester End-Term Examination
DISASTER MANAGEMENT — Elective V (Open)
(Old Regulation)

Full Marks – 100

Time – Three hours

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

Answer Question No. 1 and any *six* from the rest.

1. Answer the following questions : (10 × 1 = 10)
 - (i) Disaster risk reduction can be expressed in terms of hazard, vulnerability and capacity as = _____.
 - (ii) Two of the major man-made disasters are _____ and _____.
 - (iii) Two types of environmental Hazards are _____ and _____.
 - (iv) The first phase of disaster management cycle is called _____.
 - (v) Relationship between hazard, risk and vulnerability is _____.

[Turn over

- (vi) Instrument used to measure earthquake is known as _____.
- (vii) Full form of GIS is _____.
- (viii) Assam state falls under _____ of the Seismic Zonation map of India.
- (ix) The chairman of National Disaster Management authority of India is the _____.
- (x) Modified Mercalli scale measures _____ of an earthquake.

2. Write short notes on any *three* from the following :
(3 × 5 = 15)

- (a) Vulnerability
- (b) Earthquake
- (c) Landslide
- (d) Nuclear disaster
- (e) Emergency operation plan.

3. Explain the term Hazard. Write briefly about the vulnerability profile of India.
(5+10=15)

4. Describe briefly about the physical impacts of a disaster. Explain the various social impacts of a disaster.
(5+10=15)

5. Write about the various stake holders that may play important role for community based approaches in reducing disaster risk stating their responsibilities. Write briefly about the Disaster Management Act 2005.
(10+5=15)

6. What do you mean by disaster management cycle? What are the different factors affecting vulnerability? Explain the different phases of disaster management cycle. (2+3+10=15)
7. What do you mean by disaster risk reduction? Briefly discuss the structure of disaster risk reduction programme of India. (5+10=15)
8. Explain briefly about the disaster response activities. Discuss the effects of media on disaster management. (10+5=15)
9. Explain how disaster recovery activities are classified. Discuss the causes of flood disaster in Assam and suggest means for its sustainable management. (5+5+5=15)

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