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Total No. of Pages : 01

Total No. of Questions : 07

B. Architecture (2012 & Onwards) (Sem.-10)**DISASTER MANAGEMENT-I****Subject Code : BACH-1004****Paper ID : [74343]****Time : 3 Hrs.****Max. Marks : 60****INSTRUCTIONS TO CANDIDATES :**

1. Question no.1 is compulsory.
2. Attempt FOUR questions more with minimum ONE question from each unit from the rest.

Q1 Write brief note on the following :**(5x2)**

- I. Fire distance.
- II. Epicenter.
- III. Earthquake zones in India.
- IV. Tsunami.
- V. Dhajji wall.

UNIT-I

- Q2 What are the various types of Disasters? Discuss in detail the reasons for natural disasters. (12½)
- Q3 Enlist various special construction techniques used to make the RCC buildings safer in high intensity seismic zones. (12½)
- Q4 Illustrate the behavior of a masonry building during earthquake. How can you control the twisting effect caused during earthquake? (12½)

UNIT-II

- Q5 Define Cyclones. What various measures should be taken to minimize the effect of cyclones on the shelters? (12½)
- Q6 How you as an Architect can make the buildings safer for Fire? Explain the various Fire safety requirements to be included in the buildings as per latest building code. (12½)
- Q7 Discuss in detail the various Post Disaster management problems and issues. (12½)