

B. Tech. Sem – VIII (Civil Engg.) (2014 COURSE) (CBCS) :
SUMMER - 2019

SUBJECT: ELECTIVE – III : DISASTER MANAGEMENT

Day: Thursday
Date: 30/05/2019

Time: 02.30 PM TO 05.30 PM
Max. Marks: 60

S-2019-2877

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.
- 4) Assume suitable data, if necessary.

Q.1 What is the role of central and state government in disaster management? (10)

OR

Q.1 Explain in detail principle components of disaster management. (10)

Q.2 What are earthquakes? How they are caused? What are their effects? (10)

OR

Q.2 What are the different types of earthquake waves? Explain liquefaction of soil in detail. (10)

Q.3 What is concept of drought? Explain the consequences of drought in detail. (10)

OR

Q.3 Explain the effects of floods. Explain flood defenses and management. (10)

Q.4 Explain Hyogo framework of action in disaster management in detail. (10)

OR

Q.4 What is pre and post disaster risk management? Explain in detail. (10)

Q.5 Explain in detail use of geo-informatics tools for disaster management. (10)

OR

Q.5 What is the necessity of disaster communication system? (10)

Q.6 Explain various irregularities in building. (10)

OR

Q.6 What are the detailing requirements to be followed in columns for an earthquake resistant building? (10)

* * * * *