

BACHELOR OF TECHNOLOGY (C.B.C.S.) (2014 COURSE)
B.Tech.Sem - VIII CIVIL :SUMMER- 2022
SUBJECT : DISASTER MANAGEMENT

Day : Wednesday

Time : 02:30 PM-05:30 PM

Date : 22-06-2022

S-13641-2022

Max. Marks : 60

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.
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Q.1 Define Disaster. What are the types of mitigation? (10)

OR

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

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

OR

Q.2 What are the different types of earthquake waves? Explain the seismic zoning of India. (10)

Q.3 What is flood? What are causes of flood? Explain effects of flood in details. (10)

OR

Q.3 Explain in detail fire resistance and mitigation measures in disaster management. (10)

Q.4 Explain paradigm shift in disaster management. (10)

OR

Q.4 What is Yokohama strategy in disaster management? (10)

Q.5 Explain the use of different geospatial techniques for disaster management. (10)

OR

Q.5 What are disaster safe designs & constructions? (10)

Q.6 What are the various types of vertical irregularities in a building? (10)

OR

Q.6 Explain the role of ductile detailing in earthquake resistant building in detail. (10)

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