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Total number of pages:02

Total number of questions:06

**B.Tech. – CHEM/5<sup>th</sup>Sem**

**Disaster Management**

**Subject Code: BTCH-901A**

**Paper ID :**

**Time allowed: 3 Hrs**

**Max Marks: 60**

**Important Instructions:**

- All questions are compulsory
- Assume any missing data

**Section-A**

**(10×2 = 20)**

**Q 1.**

- Differentiate between Natural Disasters and Manmade Disasters.
- Explain emergency medical services.
- Discuss the role of SDMA.
- What is meant by vulnerability.
- What is meant by emergency response.
- State causes of natural hazards.
- Explain Disaster mitigation.
- What is meant by Capacity building.
- Write short notes on mitigation programmes for earthquakes.
- What is disaster management.

**Section-B**

**(4×5 = 20)**

**Q 2.** What are natural disasters. Explain different types of natural disasters in detail. [CO1]

Or

What is disaster management. Explain how the disaster management cycle works.

**Q 3.** What is meant by Vulnerability. Explain different stages in disaster recovery and the problems associated with it. [CO2]

Or

What is meant by Vulnerability mapping. Explain the benefits of Vulnerability mapping.

Q 4. What kind of Emergency medical and essential public health services can be suggested for a disaster affected area. [CO3]

Or

Is disaster an opportunity for development initiatives. Explain in detail.

Q 5. Explain following steps in emergency management system. [CO4]

- a) Response and recovery
- b) Reconstruction
- c) Rehabilitation

Or

What is meant by disaster response. What are different objectives of disaster response.

Q 6. What are different agencies which play an important role in disaster management. Explain the role of these agencies in disaster management. [CO4]

Or

Explain the DM act and NDMA guidelines for disaster management.