Roll No…….. **Total No. of Printed Pages: [02]**
Total No. of Questions: [10]

MBA (Hospital Administration) (Semester – 4th)
DISASTER PLANNING IN HOSPITALS
Subject Code: MBADS2-402
Paper ID: [22261019]

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A consists of 10 compulsory short notes of two marks each.
2. Section B consists of Four Units (Unit – I, II, III & IV). Each unit contains two questions of 8 marks each. Student has to attempt one question from each unit.
3. Section C (8 Marks): A short Case Study related to the syllabus.

Section – A **(2 marks each)**

Q1. Attempt the following:

a. Define hospital hazards and explain one type?
b. What is radioactive waste?
c. What are the basic concepts of hospital disaster management?
d. Define the classification of disasters?
e. What are the principles of disaster planning and mass casualty management?
f. What are the components of disaster planning?
g. Define hospital hazards management and explain its need and purpose in ensuring the safety of healthcare facilities and employees?
h. Biological effects of radiation hazards?
i. Explain fire hazard triangle?
j. Aim and objectives of disaster preparedness?

Section – B **(8 marks each)**

UNIT-I

Q2. Define hospital hazards and categorize them into physical, biological, mechanical, and psychological types. How do these hazards impact the health and safety of hospital employees?

Q3. Discuss the role of interdisciplinary collaboration in disaster planning and response within hospital settings. Highlight the importance of involving various departments and stakeholders in the planning process.

UNIT-II

Q4. What measures can be taken to ensure the safe handling and disposal of radioactive waste in healthcare facilities?

Q5. What are the three elements of the fire triangle, and how do they relate to fire prevention in hospital settings?

UNIT-III

Q6. Explain the disaster cycle model and the key phases involved in managing disasters, from pre-disaster planning to post-disaster recovery.

Q7. Outline the roles and responsibilities of national-level and state-level agencies in disaster management in India.

UNIT-IV

Q8. Discuss the role of pre-hospital emergency medical services (EMS) in disaster response, including triage, treatment, and transportation of patients.

Q9. Define disaster planning in the context of hospital Administration. Discuss the key components that constitute an effective hospital disaster plan.

Section – C **(8 marks)**

Q10. Case Study: **Hospital Response to an Earthquake in Bathinda Background:**

Bathinda, a city located in the northern Indian state of Punjab, was struck by a moderate earthquake measuring 6.0 on the Richter scale. Let's examine the response of AIIMS Hospital, a major healthcare facility in the area, to this unexpected earthquake disaster. AIIMS Hospital, a 750-bed multispecialty hospital serving the local population, faced significant challenges following the earthquake. While the seismic activity was not as intense as in some other regions, the hospital still experienced structural damage, power outages, and an influx of patients with earthquake-related injuries.

Question to be Answered

a) Discuss the key components of AIIMS Hospital's disaster response plan prior to the earthquake. How did these components contribute to the hospital's preparedness for seismic events?

b) Describe the immediate actions taken by AIIMS Hospital following the earthquake. How did the hospital prioritize patient care and manage the influx of injured individuals

c) Assess the strengths and weakness of AIIMS Hospital's response efforts to the earthquake