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MME-012

**POST GRADUATE CERTIFICATE IN
MEDICAL MANAGEMENT OF CBRNE
DISASTERS (PGCMDM)**

Term-End Examination

December, 2024

**MME-012 : HEALTH EFFECTS AND MEDICAL
MANAGEMENT OF CBRNE AGENTS**

Time : 3 Hours

Maximum Marks : 70

Note : *There are three Parts A, B and C. All Parts
are compulsory.*

Part—A

Note : Answer any *one* of the following questions in
300-400 words.

1. Describe the Acute Radiation Syndrome. 12
2. Discuss how radioactive contamination is
different from general contamination. 12

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Note : Write short notes on any *two* of the following
in **70-100** words each. 6×2=12

3. Discuss 'The International Nuclear and Radiological Event Scale'.
4. Describe the Medical Decontamination Doctrines for Radiological Contamination.
5. Describe 'Radiological Dispersal Device' (RDD).

Part—B

Note : Answer any *one* of the following questions in
300-400 words.

1. What are the methods for on-site detection and analysis of chemical agents in a chemical attack ? 12
2. What are the types of decontamination procedures for hazardous chemical agents used for a chemical attack ? 12

Note : Write short notes on any *two* of the following
in **70-100** words each. 2×5=10

3. What do you understand by 'Off-site Triage, Treatment and Transportation Center (OST³C)' with relation to a Chemical Disaster ?

4. Bhopal Gas Tragedy.
5. Methods for 'Dead Body Disposal' in Chemical Disasters.

Part—C

Note : Answer any *one* of the following question in
300-400 words :

1. How would you recognize a plague bioterrorism event ? 12
2. What is a toxin ? How will you classify toxins ? 12

Note : Write short notes on any *two* of the following
in **70-100** words each. 6×2=12

3. What do you understand by 'Disease Surveillance' ? What is its importance ?
4. What is 'Laboratory Response Network' (LRN) ?
5. What is a suitable bioterror agent ?

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