## 2211E781

Candidate's Seat No :\_\_\_\_\_

## M.Sc Sem-3 Examination

## 503

## Env Science (Toxico)

Time: 2-30 Hours]

November-2024

[Max. Marks: 70

and carbon tetrachloride.  OR  Q I A. Give definition, concept and scope of Environmental 7 Toxicology. B. Explain environmental toxicity of any two heavy metal. 7  Q II Describe different toxic agents with their impact on environment. 14  OR  Q II A. Describe LD <sub>50</sub> , EC <sub>50</sub> and LC <sub>50</sub> . 7 B. Explain skin and eye test for the measurement of toxicity. 7  QIII What is systemic toxicity? Explain movement of xenobiotics 14 across cell membranes.  OR  Q III A. Describe immune toxicity. 7 B. Explain biotransformation mechanism. 7  Q IV Explain occupational cancer, occupational dermatitis and pneumoconiosis. 7  Q IV A. Explain Occupational radiation hazards 7	Instructions:	All Questions carry equal marks Attempt all Questions	
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9 Give instances of enzymes that help in the metabolism of toxins.	0	· ·	
What are occupational hazards in health and safety?			
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How to calculate occupational exposure limit?			