

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**Pharm D – 4<sup>th</sup> Year • EXAMINATION – WINTER - 2022**

**Subject Code: 848806****Date: 01/02/2023****Subject Name: Clinical Toxicology****Time: 02:30 PM TO 05:30 PM****Total Marks: 70****Instructions:**

1. Attempt any five questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Write symptoms and management of arsenic poisoning. **06**  
(b) Discuss treatment strategies for of snake bite. **04**  
(c) Write clinical symptoms and management of organophosphorous compounds poisoning. **04**
- Q.2** (a) State different decontamination methods. Write a role of activated charcoal in GI decontamination. **06**  
(b) Differentiate: Barbiturates poisoning vs. Picrotoxin poisoning **04**  
(c) Discuss management of Methanol poisoning **04**
- Q.3** (a) What is opioid poisoning? Discuss symptoms and management of it. **06**  
(b) Discuss treatment strategies for paracetamol poisoning. **04**  
(c) Differentiate: Physical dependence vs. Psychological dependence **04**
- Q.4** (a) Discuss important aspects of toxicokinetics. **06**  
(b) Describe in detail causes of food poisoning **04**  
(c) What are treatment strategies for tobacco addiction? **04**
- Q.5** (a) Explain the term intoxication. State initial approaches to treat poisoned patient. Write in detail about resuscitation. **06**  
(b) Discuss algorithm for management of radiation poisoning. **04**  
(c) Define drug abuse. Describe diagnosis and management of amphetamine poisoning. **04**
- Q. 6** (a) Write a note on elimination enhancement methods. **06**  
(b) Differentiate: Copper poisoning vs. Lead poisoning **04**  
(c) Write characteristics and management of acute hydrocarbon poisoning. **04**
- Q.7** (a) Write mode of intake and mode of action of cannabis. Describe treatment of cannabis poisoning. **06**  
(b) Discuss important principles involved in management of curare poisoning. **04**  
(c) Describe factors affecting absorption of toxicological substances. **04**

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