

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**PHARM.D YEAR-4/ PHARM.D (PB) YEAR-1 EXAMINATION – WINTER - 2025**

**Subject Code: 848806/818906****Date: 27-11-2025****Subject Name: Clinical Toxicology****Time: 10 : 30 AM TO 1 : 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) Explain the role of antidote in poisoning and give examples with their clinical applications. **06**
- (b) Write the signs and symptoms and management of organophosphorous poisoning. **04**
- (c) Describe the clinical symptoms and management of acute poisoning of tricyclic anti-depressants. **04**
- Q.2** (a) Write the signs and symptoms and first aid for scorpion bite and arthropod bite? **06**
- (b) Write briefly on Acid–base disorders and its causes. **04**
- (c) Discuss on barbiturate overdose and its management. **04**
- Q.3** (a) Describe the role of basic supportive care in the management of poisoning. **06**
- (b) Discuss the diagnostic tests and management for lead poisoning. **04**
- (c) Write a note on clinical effects of snake venoms. **04**
- Q.4** (a) Explain the general principles of gut decontamination with advantages and disadvantages. **06**
- (b) Write the clinical features and the management of iron poisoning. **04**
- (c) What are signs and symptoms of opiates poisoning and its management? **04**
- Q.5** (a) Write the elimination enhancement methods in treatments of acute poisoning. **06**
- (b) Write the toxicokinetics of paracetamol. **04**
- (c) Write the general first aid management for snake bite? **04**
- Q. 6** (a) Enlist and enumerate the various parameters of toxicokinetics. **06**
- (b) Explain the clinical features and management of mushroom poisoning. **04**
- (c) Give the sources of food poisoning and how do you prevent it. **04**
- Q.7** (a) Write the clinical features and management of substance abuse of CNS depressants? **06**
- (b) Write a note on tobacco dependence. **04**
- (c) Discuss about opioid dependence. **04**

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