

GUJARAT TECHNOLOGICAL UNIVERSITY
Pharm D – 4th Year/Pharm.D(PB)- 1st Year• EXAMINATION – WINTER - 2023

Subject Code: 848806/818906**Date: 24/01/2024****Subject Name: Clinical Toxicology****Time: 2:30 PM to 5:30 PM****Total Marks: 70****Instructions:**

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

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| Q.1 | (a) | Define drug abuse and drug dependence. Write a note on amphetamine poisoning. | 06 |
| | (b) | Explain the reasons and causes of food poisoning. | 04 |
| | (c) | Discuss clinical symptoms and management of arsenic poisoning. | 04 |
| Q.2 | (a) | Describe the general principles involved in the management of poisoning. | 06 |
| | (b) | Write clinical symptoms and management of organophosphorus compounds poisoning. | 04 |
| | (c) | Write about complications and general management of snake bite injuries. | 04 |
| Q.3 | (a) | Describe various methods of elimination enhancement. | 06 |
| | (b) | Define antidote. Explain common mechanisms of working of antidotes. | 04 |
| | (c) | Write a note on opioids poisoning. | 04 |
| Q.4 | (a) | State the basic care of poisoned patient. Write a note on management of breathing and airways in poisoned patients. | 06 |
| | (b) | Write a note on radiation poisoning. | 04 |
| | (c) | Explain clinical features and treatment measures of scorpion bite. | 04 |
| Q.5 | (a) | Write a note on gastric lavage as a technique of gut decontamination. | 06 |
| | (b) | Enlist and explain factors affecting absorption of toxicological substances. | 04 |
| | (c) | Discuss sign-symptoms and treatment of cannabis poisoning. | 04 |
| Q.6 | (a) | Enlist toxins present in mushroom. Write clinical symptoms and management of mushroom poisoning. | 06 |
| | (b) | Discuss about Barbiturate poisoning and its treatment. | 04 |
| | (c) | Write about early manifestations and basic first aid of snake bite. | 04 |
| Q.7 | (a) | Define toxicokinetic. Explain importance and applications of toxicokinetic studies. | 06 |
| | (b) | Write a note on lead poisoning. | 04 |
| | (c) | Describe the signs, symptoms and management of methanol poisoning. | 04 |