

GUJARAT TECHNOLOGICAL UNIVERSITY**M.PHARM - SEMESTER-1 EXAMINATION – SUMMER-2019****Subject Code: MCP103T****Date: 01/06/2019****Subject Name: Clinical Toxicology & Pharmacovigilance****Time: 02:30 PM TO 05:30 PM****Total Marks: 80****Instructions:**

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

- Q.1** (a) What are duties and responsibilities of clinical pharmacists in ADR reporting? **06**
Give sample formats for ADR reporting.
- (b) What are clinical symptoms of methanol ingestion and explain treatment for the same. **05**
- (c) Describe in detail opiate overdose and its clinical management. **05**
- Q.2** (a) Enlist various methods used for Gut decontamination. Explain any two of them in detail. **06**
- (b) Describe in detail systematic approach in handling poison information queries. **05**
- (c) Write a note on radiation poisoning. **05**
- Q.3** (a) Explain the types of adverse drug reactions (ADRs) with mechanism of ADRs. **06**
- (b) Describe briefly clinical presentations and management of acute poisoning of tricyclic antidepressants and Selective serotonin reuptake inhibitors. **05**
- (c) Enlist basic resources required at drug information center. Describe in detail various information resources. **05**
- Q.4** (a) Which elimination enhancement methods are used in clinical toxicology? Explain in detail Hemodialysis. **06**
- (b) Write clinical symptoms and management of Arsenic poisoning. **05**
- (c) Describe supportive care in clinical toxicology. **05**
- Q.5** (a) Describe need for medicine information service. Differentiate between Medicine information center and Poison information center. **06**
- (b) Explain treatment of organophosphorus compound poisoning. **05**
- (c) Write a brief note on causality assessment of ADRs. **05**
- Q.6** (a) Which are common pathogens responsible for food poisoning. Describe management of the microbial food poisoning. **06**
- (b) Name the antidote used for the following drugs/ agent poisoning: **05**
- | | |
|--------------------|------------------------------|
| i) Carbon monoxide | ii) Aspirin |
| ii) Beta blockers | iv) Iron |
| v) Theophylline | vi) Calcium channel blockers |
| vii) Heparin | viii) Warfarin |
| ix) Isoniazid | x) Methotrexate |
- (c) Write a brief account on pharmacovigilance program of India. **05**
- Q.7** (a) Give three examples of drugs poisoning for which following enhancement elimination process are commonly used : **06**
- | |
|-------------------------------------|
| i) Multiple dose activated charcoal |
| ii) Alkaline diuresis |
| iii) Forced diuresis |
- (b) Explain the important components of ADR reporting. **05**
- (c) Write clinical symptoms and management of mercury poisoning. **05**