

# Question Paper

Exam Date & Time: 28-Apr-2023 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

Instructions: Answer ALL questions.

**Clinical Toxicology [PPR 4.6T-S1]**

**Marks: 70**

**Duration: 180 mins.**

### Section A

**Answer all the questions.**

Long Answer Questions (3 x 10 marks = 30 marks)

- 1) Discuss general principles in the management of poisoning (10)
- 2) Discuss the mechanism of toxicity, toxic dose, clinical presentation, and management of tricyclic antidepressants (10)
- 3) Explain DSM IV criteria for substance abuse. Explain the pharmacotherapy of nicotine abuse (10)

### Section B

**Answer all the questions.**

Short Answer Questions (6 x 5 marks = 30 marks)

- 4) Write a note on antidotes (5)
- 5) Explain the management of organophosphate poisoning (5)
- 6) Discuss the mechanism of toxicity, clinical presentation, and management of benzodiazepine poisoning (5)
- 7) Explain the management of iron poisoning (5)
- 8) Enlist the indications for antivenom administration (5)
- 9) Classify mycotoxins with their toxidromes (5)

### Section C

**Answer all the questions.**

Give Reasons for the Following (5 x 2 marks = 10 marks)

- 10) Delayed NAC therapy is also beneficial in paracetamol poisoning (2)
- 11) Sodium Bicarbonate plays an important role in the management of methanol poisoning (2)
- 12) Anaemia is one of the common symptoms of lead poisoning (2)
- 13) Tolerance is one of the criteria for substance abuse (2)
- 14) Delta-9-tetrahydrocannabinol (THC) has certain medical use (2)

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