DOCTOR OF PHARMACY
Fourth Year Pharm. D. : SUMMER : 2022
SUBJECT : CLINICAL TOXICOLOGY

Day : Tuesday
Date : 17-05-2022

S-5748-2022

Time : 02:00 PM-05:00 PM
Max. Marks : 70

N.B.:

1) **Q.No.1** and **Q.No.5** are **COMPULSORY**. Out of the remaining questions attempt **ANY TWO** questions from each section.
2) Answers to both the sections should be written in **SEPARATE** answer books.
3) Figures to the right indicate **FULL** marks.

SECTION – I

Q.1 **a)** Attempt **ANY FOUR** of the following: **[08]**
i) Define antidotes.
ii) Enlist two principles involved in management of poisoning.
iii) Why and how urine is alkalinized?
iv) Name two antidotes with their use.
v) How to limit absorption of toxicants from GIT?
vi) What is role of supportive care in clinical toxicology?

b) Describe signs and symptoms of mushroom poisoning. **[03]**

Q.2 With a suitable case elaborate on food poisoning indicating all related aspects. **[12]**

Q.3 **a)** What are mycotoxins? Explain in detail about toxicity related to them. **[07]**
b) Comment on bites and stings by arthropods. **[05]**

Q.4 Write note on **ANY THREE** of the following: **[12]**
a) Gut decontamination
b) Elimination enhancement
c) Dantrolene as antidote
d) Toxicokinetics

SECTION – II

Q.5 **a)** Attempt **ANY FOUR** of the following: **[08]**
i) Name two antidotes for opium poisoning.
ii) What are main toxicity symptoms of tricyclic antidepressants?
iii) How alcohol toxicity is treated?
iv) What are hallucinations? Which type of substances cause them?
v) What is the antidote for Mercury poisoning?
vi) Name four common poisonous snakes from India.

b) How poisoning by snake-venoms is treated? What are adverse reactions to antidotes? **[03]**

Q.6 Elaborate on pesticide toxicity indicating types of pesticides, mechanism of toxicity, signs, symptoms and treatment. **[12]**

Q.7 **a)** Explain mechanism of toxicity by salicylates and its treatment. **[07]**
b) Comment on toxicity caused by caustic substances. **[05]**

Q.8 Write short notes on **ANY THREE** of the following: **[12]**
a) Radiation poisoning
b) Arsenic poisoning
c) Paracetamol poisoning
d) Methanol toxicity

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