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Total No. of Printed Pages: [01]

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B.Sc. (Forensic Science) (Semester – 5th)

FORENSIC TOXICOLOGY

Subject Code: BHFSS1502

Paper ID: [21132220]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

- Q1. Attempt the following:
- a) Differentiate between toxicology and forensic toxicology.
 - b) Define illicit liquor.
 - c) Write four examples of gaseous poisons
 - d) ED 50
 - e) Test for identification of biocides.
 - f) Write the active constituent of mushrooms.
 - g) Define psychotropic substances with examples
 - h) Explain the procedure of Reinsch test.
 - i) Constituents of snake venom.
 - j) Test of opium

Section – B

(5 marks each)

- Q2. Explain the indication perceived from sign and symptoms of poison in human body?
- Q3. What are hallucinogens? Explain its short term, long term effects and withdrawal symptoms.
- Q4. Write a note on mode of action and fate of poison in human body.
- Q5. How the viscera samples are preserved. Discuss various preservatives used to preserve viscera samples for forensic analysis.
- Q6. What are alcoholic and non-alcoholic beverages? Give examples. Discuss the method to identify the ethyl alcohol in suspected samples.

Section – C

(10 marks each)

- Q7. Explain the terms: poison and toxin. Discuss the classification of poisons in detail.
- Q8. What are plant poisons? Discuss in detail about Abrus and Ricinus I
- Q9. What are clandestine drug laboratories? Discuss the procedure of collection and preservation of drug evidences recovered from such laboratories.