

B.Sc. Semester - 1 (CBCS) Examination
Feb/Mar. -2021 (OLD COURSE)
FORENSIC SCIENCE (CORE)

Time: 1:30 Hours**Marks: 42****Instructions:**

1. Figures to the right indicate marks.
2. There are five questions in the question paper.
3. Answer any three of the following questions.

Q1 (A) Answer in short: (04)

1. What is the full form of CFSL?
2. State the principle of analysis.
3. Give the full form of USB.
4. Define cyber crime.

Q1 (B) Answer any one in brief: (03)

1. Explain the principle of progressive change in detail.
2. Enlist the evidence received by ballistics division.

Q1 (C) Answer any one in detail: (07)

1. Explain the working of documents division in detail.
2. Write a detailed note on physics division.

Q2 (A) Answer in short: (04)

1. Give examples of at least two narcotic drugs.
2. Give examples of two petroleum products.
3. What is added to alcohol to stop further fermentation?
4. What is the full form of RDX?

Q2 (B) Answer any one in brief: (03)

1. Write a note on analysis of viscera for poisons.
2. Define forensic chemistry and forensic chemist.

Q2 (C) Answer any one in detail: (07)

1. Write a note on working of NDPS division.
2. Write a detailed note on working of chemistry division.

Q3 (A) Answer in short: (04)

1. In which division is blood grouping done?
2. Give examples of wildlife evidence.
3. In which type of psychological analysis are drugs injected in a subject?
4. Who proposed the process of individual identification by physical measurements?

Q3 (B) Answer any one in brief: (03)

1. Write the applications of forensic entomology division.
2. Enlist the evidence received in serology division.

Q3 (C) Answer any one in detail: (07)

1. Write a detailed note on evidence and instruments in biology division.
2. Explain the types of analysis done in serology, entomology and anthropology division.

Q4 (A) Answer in short: (04)

1. Define crime scene.
2. Enlist factors causing crime.
3. Write the full form of FIR.
4. Define physical evidence.

Q4 (B) Answer any one in brief: (03)

1. Write a note on photography of crime scene.
2. Explain types of sketches.

Q4 (C) Answer any one in detail: (07)

1. Give the classification of blood spatter patterns.
2. Explain crime scene searching in detail.

Q5 (A) Answer in short: (04)

1. Which organelle has paternal DNA in it?
2. What does TEM stand for?
3. Define magnification.
4. What are the two principles of microscopy?

Q5 (B) Answer any one in brief: (03)

1. Make a labeled block diagram of SEM.
2. Draw a labeled diagram of animal cell.

Q5 (C) Answer any one in detail: (07)

1. Explain the five living kingdoms in detail.
2. Write a detailed note on construction and working of compound microscope.
