

B.Sc. Semester - 1 (CBCS) Examination
Nov./Dec. -2018 (Old Course)
FORENSIC SCIENCE (CORE)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Q – 1 (A) Objective type questions (4)
1. Give the importance of speech of person for forensic information.
 2. What is question document?
 3. Forensic science comprises the basic scientific disciplines such as
 4. Who is father of forensic question document?
- Q – 1 (B) Answer in brief (Any 1 out of 2) (2)
1. What types of work are done in forensic physics division?
 2. Give the importance of fingerprints in forensic science?
- Q – 1 (C) Answer in detail (Any 1 out of 2) (3)
1. Discuss Voice analysis.
 2. Working of ballistic division.
- Q – 1 (D) Write a note on (Any 1 out of 2) (5)
1. Describe briefly - history of forensic science.
 2. What is forensic science? State the name of branches of forensic science lab and explain the function of any three divisions.
- Q – 2 (A) Objective type questions (4)
1. Role of chemistry division in forensic science lab.
 2. Define arson.
 3. Which alcohol used for drinking purpose?
 4. What is explosive?
- Q – 2 (B) Answer in brief (Any 1 out of 2) (2)
1. Types of cases and exhibits in forensic chemistry.
 2. Common question raised in prohibition and possession division.
- Q – 2(C) Answer in detail (Any 1 out of 2) (3)
1. Discuss briefly on narcotics division.
 2. Give examples of explosive substances.
- Q – 2 (D) Write a note on (Any 1 out of 2) (5)
1. Describe in detail function of chemistry lab in forensic science.
 2. Discuss the duties of forensic chemist
- Q – 3 (A) Objective type questions (4)
1. What types of analysis are carried out in biology division?
 2. State the sub-disciplines of forensic biology division
 3. Define forensic entomology.
 4. On the basis of teeth how forensic scientist able to determine age?

- Q – 3 (B) Answer in brief (Any 1 out of 2) (2)
1. Working of biology division
 2. Role of forensic serology division
- Q – 3 (C) Answer in detail (Any 1 out of 2) (3)
1. Write a note on Forensic Psychiatry
 2. Medico legal importance of teeth and Medico legal aspects of forensic medicine.
- Q – 3 (D) Write a note on (Any 1 out of 2) (5)
1. Explain Forensic Psychiatry.
 2. Working of forensic biology and its sub division.
- Q – 4 (A) Objective type questions (4)
1. Define crime scene?
 2. What is the Probative value of evidence?
 3. Give the example of white collar crime.
 4. For the collection of dry blood spot, which collection method is best?
- Q – 4 (B) Answer in brief (Any 1 out of 2) (2)
1. Mention the causes of crime with example.
 2. Define crime rate.
- Q – 4 (C) Answer in detail (Any 1 out of 2) (3)
1. Define sketching? Which steps should be followed during sketching? Mention the types of sketching.
 2. Explain the term crime scene and give the classification of crime scene.
- Q – 4(D) Write a note on (Any 1 out of 2) (5)
1. Write a note on collection technique of evidence.
 2. Steps followed by the IO for the evaluation of crime scene.
- Q – 5 (A) Objective type questions (4)
1. Give the name of cell organelles.
 2. Define plasmid
 3. Give the magnification power of light microscope.
 4. Full name of TEM
- Q – 5 (B) Answer in brief (Any 1 out of 2) (2)
1. State the parts of light microscope.
 2. Give the difference between cilia and flagella.
- Q – 5 (C) Answer in detail (Any 1 out of 2) (3)
1. Explain the principle of simple light microscope and compound light microscope
 2. State the difference between prokaryotic and eukaryotic cell.
- Q – 5 (D) Write a note on (Any 1 out of 2) (5)
1. Draw the labeled diagram of plant cell and explain any two organelles of it.
 2. Describe principle and design of electron microscope.
