

B.Sc. Semester - 1 (CBCS) Examination
Nov/Dec - 2022 (OLD COURSE)
FORENSIC SCIENCE (CORE)

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

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

Que.-1(A) Answer the following question:-**04**

1. As scientific evidence who developed basic principle of document examination.
2. Full form of GEQD.
3. DNA fingerprinting & diagnosis laboratory is situated in _____.
4. Define: Forensic Science.

Que.-1(B) Answer the following question:-(Any ONE)**03**

1. Write the service's provided by Forensic Physics Division.
2. Explain any two principles in forensic sciences.

Que.-1(C) Answer the following question:- (Any ONE)**07**

1. Give brief introduction on history & development of Forensic Sciences.
2. What is the need & the future scope of Forensic Science in India?

Que.-2(A) Answer the following question:-**04**

1. What analysis is done in Prohibition & Possession Division?
2. Analysis of trap case is done in which division?
3. Who is the Father of Toxicology?
4. Give the examples of explosive with full form.

Que.-2(B) Answer the following question:-(Any ONE)**03**

1. Write the main functions of Forensic Science Laboratory.
2. Draw the general classification of Forensic Science Laboratory.

Que.-2(C) Answer the following question:-(Any ONE)**07**

1. Write a note on organizational structure of Forensic Chemistry Laboratories with its sub division.
2. What is Mobile Forensic Laboratory & write the functions of Forensic Scientist?

Que.-3(A) Answer the following question:-**04**

1. Full form of DNA _____.
2. Which principles is used in Brain Fingerprinting?
3. Name the Father of Anthropology.
4. What is the meaning of Psychotropic?

Que.-3(B) Answer the following question:-(Any ONE)**03**

1. Give brief introduction to Other Forensic Science Services.
2. What are the Duties of Forensic Scientists.

Que.-3(C) Answer the following question:-(Any ONE)**07**

1. Write a note on organizational structure of Forensic Biology Laboratories with its sub division.
2. Explain the different principles of Forensic Sciences with examples.

- Que.-4(A) Answer the following question:-** **04**
1. Define: Penology.
 2. Name the method in which searching of clue material is carried in 2 Dimensions?
 3. Leaver, Kidney, Brain is preserved in _____.
 4. Define: Sketching.
- Que.-4(B) Answer the following question:-(Any ONE)** **03**
1. Give the classification of crime scene.
 2. Explain the term Crime rate.
- Que.-4(C) Answer the following question:-(Any ONE)** **07**
1. Write a note on collection techniques of evidence from crime scene.
 2. Explain the Blood Pattern Analysis.
- Que.-5(A) Answer the following question:-** **04**
1. Nucleus in eukaryotic cell was first describe by_____.
 2. Who made the microscope first?
 3. Cell size range from _____ to _____.
 4. Define: Resolution.
- Que.-5(B) Answer the following question:-(Any ONE)** **03**
1. Compare the features of prokaryotic & eukaryotic.
 2. Explain the working of fluorescence microscope.
- Que.-5(C) Answer the following question:-(Any ONE)** **07**
1. Explain: (i.) Comparison Microscope & (ii.) Stereo Microscope.
 2. Explain the term Ribosomes; Endoplasmic Reticulum & Golgi apparatus parts of eukaryotic cells.
