

B.Sc. Semester - 1 (CBCS) Examination
Jan/Feb.-2022 (NEW 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.
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Q-1 Give the answer of following question.

- (A) Answer the following question very shortly (04)
- (1) Define forensic science?
 - (2) First finger print bureau was established in _____ in the year _____?
 - (3) The sentence given by Edmond Locard is ?
 - (4) Who is the father of forensic ballistics?
- (B) Answer the following question in brief (Any one) (03)
- (1) Write about the document divisions in forensic science.
 - (2) Write a note on principle of exchange & principle of individuality.
- (C) Answer the following question in detail (Any one) (07)
- (1) Write about the working of forensic physics division
 - (2) Write a note on history and development of forensic science

Q-2 Give the answer of following question.

- (A) Answer the following question very shortly (04)
- (1) Full form of NDPS
 - (2) Which types of cases included in forensic chemistry?
 - (3) Who is the father of Forensic Toxicology?
 - (4) Define Psychotropic substance with examples
- (B) Answer the following question in brief (Any one) (03)
- (1) Write about toxicology and blood alcohol division.
 - (2) What are the functions of forensic scientists in FSL
- (C) Answer the following question in detail (Any one) (07)
- (1) Write a note on different division of forensic chemistry
 - (2) Write about the different principles being applied in forensic science.

Q-3 Give the answer of following question.

- (A) Answer the following question very shortly (04)
- (1) Name the two test which is perform to detect the blood?
 - (2) ABO blood grouping system was derived by which scientist?
 - (3) Define Anthropology?
 - (4) Study of insect and larvae's is called _____.
- (B) Answer the following question in brief (Any one) (03)
- (1) Write a note on forensic psychiatry division.
 - (2) Give the principle of probability applied in forensic science.
- (C) Answer the following question in detail. (Any one) (07)
- (1) What are the needs and scope of forensic science, give the duties of forensic scientist ?
 - (2) Write a note on working of forensic biology division.

Q-4 Give the answer of following question.

- (A) Answer the following question very shortly (04)
- (1) What is crime?
 - (2) Give the different types of sample/evidence collection technique?
 - (3) Define Modus Operandi?
 - (4) A finished sketch is made by _____?

- (B) Answer the following question in brief (Any one) (03)
- (1) Write about the components of crime & give the factors leading to crime.
 - (2) Explain the four main types of crime.?
- (C) Answer the following question in detail. (Any one) (07)
- (1) Write a note on different types of crime scene sketching method.
 - (2) What is crime and crime scene? Write in detail the techniques used for searching the evidence on crime scene.

Q-5 Give the answer of following question.

- (A) Answer the following question very shortly (04)
- (1) What is magnification power?
 - (2) Who discovered the first microscope to see the cell structure?
 - (3) The main use of comparison microscope is _____.
 - (4) Give the full form of ATP
- (B) Answer the following question in brief (Any one) (03)
- (1) Write about the stereo microscope?
 - (2) Draw a labeled diagram of mitochondria and give its function.
- (C) Answer the following question in detail. (Any one) (07)
- (1) Explain in detail
 - Compound microscope
 - Electron microscope
 - (2) Write a note on Eukaryotic cells structure with diagram.