

PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
B.Sc. Winter 2018-19 Examination

Semester: 1
Subject Code: 11107108
Subject Name: Basics of Forensic Sciences

Date: 14/12/2018
Time: 10.30 am to 1.00 pm
Total Marks: 60

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**
 (a) What are the methods used for searching of physical evidence?
 (b) Describe various branches of forensic sciences in detail.
- Q.1. B) Answer the following questions (Any two) (04)**
 (a) Short note/ Brief note (2x2)/ Schematically label the figures (2x2) (Each of 02 marks) (04)
 1. Importance of forensic science laboratories.
 2. Give the collection & packaging methods of various physical evidences.
 (b) Short note: Initial response to crime scene. (04)
 (c) Short note: Central forensic science laboratories (04)
- Q.2. A) Answer the following questions. (04)**
 (a) Short note/ Brief note (2x2)/ Fill in the blanks. (Each of 02 marks) (04)
 1. Define Forensic science. Write about various branches.
 2. Write a brief on Forensic Anthropology.
 (b) Short note: Collection and Preservation of evidences from a crime scene. (04)
- Q.2. B) Answer the following questions (Any two) (03)**
 (a) Short note/ Multiple choice questions. (Each of 01 marks) (03)
 1. First Fingerprint bureau was started at
 (A) New Delhi (B) Kolkata (C) Hyderabad (D) Shimla
 2. The founder of Anthropometry was
 (A) Locard (B) Bertillon (C) Galton (D) Henery
 3. Detection of blood group of a dried blood stain:
 (A) K. Landsteiner (B) Leone Lattes (C) Alexander. S.W (D) Hans Gross
 (b) Short note: CBI (03)
 (c) Short note: Searching method of crime scene. (03)
- Q.3. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**
 (a) History of Forensic science
 (b) Brief note on: Physical evidence
- Q.3. B) Answer the following questions (Any two) (04)**
 (a) Short note/ Brief note (2x2)/ Schematically label the figures (2x2)(Each of 02 marks) (04)
 1. Write a short note on Chemistry division in FSL.
 2. Write a brief on Question document division in FSL.
 (b) Short note: Role of first arriving officer at crime scene. (04)
 (c) Short note: Psychology division in FSL (04)
- Q.4. A) Answer the following questions. (04)**
 (a) Short note/ Brief note (2x2)/ Fill in the blanks. (Each of 02 marks) (04)
 1. First forensic science laboratory was established in India at
 2. Write contributions of Galton in forensic science.
 (b) Short note: Role of medico-legal officers. (04)
- Q.4. B) Answer the following questions (Any two) (03)**
 (a) Short note/ Multiple choice questions. (Each of 01 marks) (03)
 1. Give the full form of FBI
 2. Who is the father of fingerprint?
 3. Who is the father of forensic Toxicology?
 (b) Short note: Forensic Ballistics division (03)
 (c) Short note: Photography of crime scene. (03)