

PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
B.Sc. Summer 2017-18 Examination

Semester: 2
Subject Code: 11107154
Subject Name: Forensic Sciences Laboratories and Facilities

Date: 14/05/2018
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) Growth of Forensic Science Laboratories in India
(b) Explain role of Medico-legal officers
- Q.1. B) Answer the following questions (Any two) (04)**
(a) Short note (2x2) (Each of 02 marks) (04)
1. Explain Initial response to crime scene.
2. Enlist Central and State level laboratories.
(b) Contamination issues during handling of physical evidence. (04)
(c) Primary and secondary crime scenes. (04)
- Q.2. A) Answer the following questions. (04)**
(a) Brief note (2x2) (Each of 02 marks) (04)
1. Role of the Police.
2. Types of physical evidence.
(b) Short note: Psychology division in FSL. (04)
- Q.2. B) Answer the following questions (Any two) (03)**
(a) (Each of 01 marks) (03)
1. What is Physical evidence?
2. What is serology?
3. What is FBI?
(b) Short note: Protecting a scene of crime. (03)
(c) Short note: Preservation of physical evidence from a crime scene. (03)
- Q.3. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**
(a) Toxicology division in FSL.
(b) Ballistics division in FSL.
- Q.3. B) Answer the following questions (Any two) (04)**
(a) Brief note (2x2) (Each of 02 marks) (04)
1. State level laboratories.
2. Establishment of Fingerprint bureau
(b) Short note: Examination of document (04)
(c) Short note: Adulteration (04)
- Q.4. A) Answer the following questions. (04)**
(a) Brief note (2x2) (Each of 02 marks) (04)
1. Explain preservation of physical evidence from a scene of explosion.
2. Explain "law of individuality".
(b) Short note: Ballistics (04)
- Q.4. B) Answer the following questions (Any two) (03)**
(a) (Each of 01 marks) (03)
1. When was the first fingerprinting bureau started?
2. Who was the figure who developed the method for determining ABO blood type of a dried blood stain?
3. Who is the Father of Fingerprint?
(b) Short note : law of probability (03)
(c) Short note: Importance of Forensic Science Laboratories. (03)