

PARUL UNIVERSITY**FACULTY OF APPLIED SCIENCE****M.Sc., Winter 2018-19 Examination****Semester: 1****Subject Code: 11207101****Subject Name: Introduction to Forensic Science****Date: 01/12/2018****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.p

- Q.1. A) Essay type. (Each of 04 marks) (08)**
(a) Explain crime scene management.
(b) Describe various branches of Forensic Science.
- Q.1. B) Answer the following questions (Any two) (04)**
(a) Short note/ Brief note (2x2). (Each of 02 marks)
1. Give contribution of Alphonse Bertillon in brief.
2. Give contribution of Francis Galton.
(b) Short note: Sketching method of Crime scene. (04)
(c) Short note: Rough sketch (04)
- Q.2. A) Answer the following questions. (04)**
(a) Short note/ Brief note (2x2). (Each of 02 marks)
1. Forensic Odontology
2. Forensic science laboratories.
(b) Short note: Importance of Physical Evidence. (04)
- Q.2. B) Answer the following questions (Any two) (03)**
(a) (Each of 01 marks). (03)
1. Who is the father of Microscopy?
2. Who is the Father of Questioned Document?
3. Who is Mathieu Orfila?
(b) Short note: Role of Investigating officer. (03)
(c) Short note: Arson Case investigation. (03)
- Q.3. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**
(a) Importance of Photography in Forensic Science.
(b) Collection and Packaging of body fluids.
- Q.3. B) Answer the following questions (Any two) (04)**
(a) Short note/ Brief note (2x2). (Each of 02 marks) (04)
1. How to collect dried blood from blood stain?
2. Importance of Videography in crime scene.
(b) Short note: Electrophoresis technique. (04)
(c) Short note: Camera. (04)
- Q.4. A) Answer the following questions. (04)**
(a) Short note/ Brief note (2x2) (Each of 02 marks) (04)
1. Principal of working of Camera.
2. Forensic photography.
(b) Short note: ELISA (04)
- Q.4. B) Answer the following questions (Any two) (03)**
(a) (Each of 01 marks) (03)
1. The first camera was.....
2. Father of Toxicology is.....
3. Study of insects is known as.....
(b) Short note: Cardinal rules of Photography (03)
(c) Short note: Camera lens. (03)