

**PARUL UNIVERSITY**  
**PARUL INSTITUTE OF APPLIED SCIENCES**  
**MID SEMESTER INTERNAL EXAMINATION, 2019.**

**B.Sc. Semester II**

**Subject: Forensic Sciences Laboratories and Facilities**

**Paper Code: 11107154**

**Date: 28/2/2019**

**Time: 2:30-4:00**

**Maximum Marks: 40**

**Instructions:**

- 1. All questions are compulsory, and options are given in first and second question only.**
  - 2. Numbers to the right of question indicate the marks of respective question.**
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**Q. 1** Attempt any **one** question of the following. **(08)**

- (i) Write a note on educational setup of forensic science in India.
- (ii) What is evidence? Write a note on physical evidence and their searching methods.

**Q. 2** Attempt any **three** questions of the following. **(12)**

- (i) Write a note on protection of crime scene.
- (ii) Write a note on service and functionality provided by the various FSLs using suitable example.
- (iii) What is role of forensic scientist?
- (iv) What is a role of investigating officer?
- (v) Write a note on preservation and collection of evidences from the murder scene.

**Q. 3** Do as directed. Attempt all five questions. **(05)**

- (i) India's first Fingerprint bureau was established at\_\_\_\_\_.
- (ii) Who is the author of book entitled" An Introduction to Criminalistics?"
- (iii) CFSL, Hyderabad is the center for excellence for\_\_\_\_\_.
- (iv) The first forensic science university is established at\_\_\_\_\_.
- (v) Who gave the exchange principal?

**Q. 4** Write correct option in your answer sheet for following 15 multiple choice questions. **(15)**

MCQ 1 When and where the first forensic science laboratory was established?

- |   |   |
|---|---|
| (A) USA in 1923 under the Los Angeles Police Department | (B) Metropolitan Forensic Science Laboratory at Scotland Yard in 1935 |
| (C) National Laboratory under FBI in 1932               | (D) None of Above.  |

MCQ 2 In India the first state forensic science laboratory was established at\_

- |                    |                    |
|--------------------|--------------------|
| (A) Calcutta, 1952 | (B) Calcutta, 1955 |
| (C) Delhi, 1952    | (D) Delhi, 1955    |

- MCQ 3 The Government Examiner of Questioned Document, Calcutta was established in the year\_
- (A) 1964 (B) 1965  
(C) 1966 (D) 1967
- MCQ 4 CFSL, Chandigarh is the center of Excellence for\_
- (A) Biological sciences (B) Physical science  
(C) Chemical Science (D) Computer science
- MCQ 5 Which division of crime laboratory conducts the examination of bullets, cartridge cases, shot gun shells and ammunitions of all types?
- (A) Physics (B) Ballistics  
(C) Chemistry (D) Biology
- MCQ 6 All of the following are required methods of documenting a crime scene, except\_
- (A) Sketching (B) Voice recording  
(C) Videography (D) Photography
- MCQ 7 Grid method of crime scene investigation is suitable for\_
- (A) Outdoor crime scene (B) Automobile crime scene  
(C) Indoor crime scene (D) None of the above
- MCQ 8 Strip/ line method of crime scene investigation is suitable for\_
- (A) Indoor crime scene (B) Automobile  
(C) Open field (D) None of the above
- MCQ 9 Quadrant/Zone method of crime scene investigation is suitable for\_
- (A) Indoor crime scene (B) Outdoor crime scene  
(C) Automobile (D) Both (a) and (b)
- MCQ 10 Building the crime scene to see how it happened is\_
- (A) Investigation (B) Crime management  
(C) Crime reconstruction (D) None of these
- MCQ 11 The Physical evidence at the scene of crime should be collected in the presence of\_
- (A) Relatives of victim (B) One independent witness  
(C) Magistrate (D) Two independent witness
- MCQ 12 During sketching measurements are taken\_
- (A) From one fixed point (B) From movable object  
(C) From the center (D) From two fixed point
- MCQ 13 Cheiloscopy is the study of\_
- (A) Eyes (B) Ears  
(C) Pores (D) Lips
- MCQ 14 Forensic entomology is the branch of forensic science dealing with\_
- (A) Pollen grains (B) Narcotics  
(C) Skeletal remains (D) Insects
- MCQ 15 After reaching the scene of crime, first thing the investigating officer should do\_
- (A) Photography of the crime scene (B) Locating and lifting the fingerprint scene  
(C) Send the death body for post-mortem (D) Security of the crime scene