

**PARUL UNIVERSITY**  
**PARUL INSTITUTE OF APPLIED SCIENCES**  
**MID SEMESTER INTERNAL EXAMINATION, SUMMER 2019**  
**B. Sc. Semester-5**  
**Subject: Forensic Science**

**Paper Code: 11107303**

**Title of the paper: Forensic Medicine and Odontology**

**Date: 05 /09 /2019**

**Time: 2:30 pm to 4:00 pm**

**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) Describe the estimation of the age of person living/dead by teeth.
- (ii) Write a note on early changes of Death

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

- (i) Write a note on the collection and preservation of bite marks.
- (ii) Write a note on "Bite marks as crucial evidence".
- (iii) what is Inquest? write about its types.
- (iv) Define: Euthanasia, Dying Declaration, Death certificate, medical Reports.
- (v) Brief the sure sign of Death.

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

- (i) What is forensic odontology?
- (ii) What is forensic significance of bite marks?
- (iii) What are lateral incisors?
- (iv) what is Exhumation?
- (v) what is Conduct money?

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

MCQ 1 The ..... front teeth in both the upper and lower jaws are called incisors.

- |       |        |
|-------|--------|
| (A) 2 | (B) 4  |
| (C) 8 | (D) 12 |

MCQ 2 Collection and preservation of bite marks may be store and will be needed for comparison by

- |                    |                       |
|--------------------|-----------------------|
| (A) Casting        | (B) Photography       |
| (C) Both (A) & (B) | (D) None of the above |

MCQ 3 If the bite mark has left an impression, then maybe a ..... can be made of it.

- |                    |                       |
|--------------------|-----------------------|
| (A) Photography    | (B) Casting           |
| (C) Both (A) & (B) | (D) None of the above |

MCQ 4 The .....teeth are located behind and adjacent to the canines

- |              |                     |
|--------------|---------------------|
| (A) Molars   | (B) Premolars       |
| (C) Bicuspid | (D) Bothe (B) & (C) |

MCQ 5 Second molar is obtained in .....year

- |           |           |
|-----------|-----------|
| (A) 11-12 | (B) 11-13 |
|-----------|-----------|

- (C) 17-21 (D) None of the above
- MCQ 6 An examination of body after death by a person trained in pathology is called  
 (A) Postmortem examination (B) Autopsy  
 (C) Inquest (D) Both A and B
- MCQ 7 Section 174 CRPC deals with  
 (A) Inquest (B) Murder  
 (C) Exhumation (D) Inquiry
- MCQ 8 In case of Death in Prison Inquest is held by  
 (A) Magistrate (B) Panchayat officer  
 (C) Police superintendent (D) District attorney
- MCQ 9 *Corpus Delicti* means  
 (A) Decomposed body (B) Essence of crime  
 (C) Identification of death person (D) None of the above
- MCQ 10 Normally PM examination should perform in  
 (A) Broad day light (B) In dark  
 (C) In UV light (D) In artificial light
- MCQ 11 Which of the following appears in Dependent part of the body  
 (A) Rigor mortis (B) Pallor mortis  
 (C) Liver Mortis (D) Algor Mortis
- MCQ 12 In case of carbon monoxide poisoning liver mortis appears as  
 (A) Bright red (B) Cherry red  
 (C) Brown (D) Blue
- MCQ 13 Factor affecting the rate of Cooling is /are  
 (A) Physiques of the cadaver (B) Different between body and ambient temperature  
 (C) Certain infection in body (D) All
- MCQ 14 The rigor last maximum up to  
 (A) 12 hours (B) 24 hours  
 (C) 48 hours (D) 72 hours
- MCQ 15 What is correct order of PM change?  
 (A) Rigor mortis, pallor mortis, Livor Mortis, Algor mortis (B) Algor mortis, pallor mortis, Livor Mortis, Rigor mortis  
 (C) Pallor mortis, Algor mortis, Livor Mortis, Rigor mortis (D) Livor Mortis, pallor mortis, Algor mortis, Rigor mortis

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