

PARUL UNIVERSITY
PARUL INSTITUTE OF APPLIED SCIENCES
MID SEMESTER INTERNAL EXAMINATION, SUMMER 2019
M.Sc. Semester-3
Subject: Forensic Science

Paper Code: 11207202

Title of the paper: Forensic Medicine

Date: 04 /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) Write a detailed observation on postmortem interval.
- (ii) Explain the Polygraph technique in detail.

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

- (i) Write down the sub fields of Forensic Psychology.
- (ii) Explain the different types of Delusion.
- (iii) Write a note on narco analysis.
- (iv) What is inquest? mentioned the types of inquest in brief.
- (v) Write a note: Concept of Death.

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

- (i) Define Forensic Psychology.
- (ii) Who invented the Brain Fingerprinting technique?
- (iii) Define Illusion.
- (iv) "Dying person will speak the truth during the last moments of his/her life" defined under section _____ of _____.
- (v) What is *Taches noires*?

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

MCQ 1 Polygraph was invented by _____.

- | | |
|-----------------------|---------------------|
| (A) Lawrence Farewell | (B) Larson & Killer |
| (C) Malini Sinha | (D) John Martin |

MCQ 2 At the time of a crime the accused had a mental defect or not can be proved according to _____ rule

- | | |
|-----------------|-----------------------|
| (A) Mc Naughten | (B) Durham, |
| (C) selection | (D) None of the above |

MCQ 3 The period in which all the symptoms of insanity completely disappears is called_

- | | |
|-----------------------|-----------------------|
| (A) Disappearing time | (B) Curing interval |
| (C) Lucid interval | (D) None of the above |

- MCQ 4 From the following which chemical is injected to the subject in the narco analysis test?
- (A) Sodium Amytal (B) Sodium Penthatol
(C) Scopolamine (D) All of the above
- MCQ 5 P300 term is used in
- (A) Polygraph (B) Narco analysis
(C) Brain fingerprinting (D) Lie detector
- MCQ 6 Infidelity is a type of,
- (A) Aphasia (B) Delirium
(C) Delusion (D) Abreaction
- MCQ 7 The father of modern hypnotism is_____.
- (A) Franz Mayer (B) Lawrence Farewell
(C) Franz Mesmer (D) John Read
- MCQ 8 Subpoena is a_
- (A) Legal document (B) Medico-legal document
(C) Medical document (D) FIR
- MCQ 9 If patient survives after having given dying declaration, then it stands for_
- (A) No value (B) Valid for 48 hrs
(C) Corroborative evidence (D) None
- MCQ 10 Dying deposition is more important than dying declaration, because it is_
- (A) Made to a magistrate (B) Oath is taken
(C) Made in the presence of accused (D) Cross-examination is permitted
- MCQ 11 Suspended animation is_
- (A) Animal is suspended in the air (B) The subject is alive but shows no sign of life
(C) Hibernation (D) Deep sleep
- MCQ 12 Postmortem caloricity is_
- (A) Stiffening of the death body (B) Fall in the temperature of the death body
(C) Rise in the temperature of the death body (D) None of the above
- MCQ 13 Postmortem staining gets fixed within_
- (A) 1 hr after death (B) 6 hr after death
(C) 12 hr after death (D) 24 hr after death
- MCQ 14 Immediate rigidity in a group of muscles without passing stage of primary relaxation is_
- (A) Cadaveric spasm (B) Cadaveric rigidity
(C) Both (a) and (b) (D) None of the above
- MCQ 15 Petrification is_
- (A) Autolysis of the body (B) Cooling of the body
(C) Foul smelling of the body (D) Stiffing of the body

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