

(6 Pages)

Reg. No. :

Code No. : 32162 E Sub. Code : SMPC 41

B.A. (CBCS) DEGREE EXAMINATION, APRIL 2021.

Fourth Semester

Criminology and Police Administration — Core

**FUNDAMENTALS OF FORENSIC SCIENCE AND
MEDICINE**

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Serology deals with
 - (a) Blood test
 - (b) Urine test
 - (c) Semen test
 - (d) All of the above

2. Forensic toxicology deals with
 - (a) Chemicals
 - (b) Poison
 - (c) Remains of arson
 - (d) None of the above

3. DNA profiling will help in _____ of the individual.
 - (a) Individualization
 - (b) Identification of blood group
 - (c) Identification of class characteristics
 - (d) None of the above

4. Plastic is an
 - (a) Animal Fiber
 - (b) Soil Fiber
 - (c) Animal Fiber
 - (d) None of the above

5. Viscera means
 - (a) Preserve the specimens
 - (b) Save the specimens
 - (c) Destroy the specimens
 - (d) Procedure

6. Hand writing experts is a
(a) Callous (b) Calligrapher
(c) Collector (d) None of the above
7. MFSL expanded as
(a) Modi Forensic Scene Laboratory
(b) Mannar Forgery Scene Laboratory
(c) Micro Forensic Scene Laboratory
(d) None of the above
8. Euthanasia
(a) Killer (b) Murderer
(c) Investigator (d) None of the above
9. Injuries due to heat are classified under
(a) Mechanical (b) Thermal
(c) Attack (d) Chemical
10. Viscera means
(a) Preserve the specimens
(b) Save the specimens
(c) Destroy the specimens
(d) Procedure

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Enumerate the role of Criminalistics in criminal justice.

Or

- (b) Give an account on development of forensic science in the world.

12. (a) Enumerate the Classification of Physical Evidence.

Or

- (b) An individual Hand writing shall vary when the same words are repeated by the same individual — Comment on the statement.

13. (a) Give an account on need for finger print.

Or

- (b) Is alteration a forgery? Argue.

14. (a) What is Injury? Give its types.

Or

- (b) Who is a Police Surgeon? Explain his role in criminal justice.

15. (a) Post Mortem changes — Discuss.

Or

- (b) What is Poison? Give its types.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Define Forensics Science. Give its division (explain at least 6).

Or

- (b) Give some good practices while preserving the forensic evidences in a rape case.

17. (a) Illustrate with an example the Locard's principle of Exchange.

Or

- (b) Write in detail the Crime Scene Procedure and give its forms with diagram.

18. (a) Who will you determine the age of the document?

Or

- (b) Counterfeit currency is forgery — Substantiate with arguments.

19. (a) Differentiate Algor, Rigor and Livor Mortis.

Or

- (b) What is Poison? Explain its forms.

20. (a) What is alcohol? Give its effects in detail.

Or

(b) Explain the importance of skeletal remains in identifying the age of the individual.
