

(6 Pages)

Reg. No. : .....

Code No. : 32057 E Sub. Code : SMPC 41/  
AMCP 41

B.A. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2022.

Fourth Semester

Criminology and Police Administration — Core

FUNDAMENTALS OF FORENSIC  
SCIENCE AND MEDICINE

(For those who joined in July 2017-2020)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answers :

1. Pick the odd one
  - (a) Forensic science
  - (b) Forensic medicine
  - (c) Criminal justice
  - (d) Probation
  
7. The practitioner of forensic medicine is also called as \_\_\_\_\_
  - (a) Criminal surgeon
  - (b) Police surgeon
  - (c) Offender surgeon
  - (d) None of the above
8. Injuries due to acid attack are classified under \_\_\_\_\_
  - (a) Mechanical (b) Thermal
  - (c) Attack (d) Chemical
9. Stab wound will be of \_\_\_\_\_ injury.
  - (a) Length and less wide
  - (b) Length and good wide
  - (c) Length and no wide
  - (d) None of the above
10. Fixing up on one's individuality refers to
  - (a) Identification (b) Interrogation
  - (c) Exhumation (d) None of the above

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2. DNA profiling leads to
  - (a) Individualization
  - (b) Identification of blood group
  - (c) Identification of class characteristics
  - (d) None of the above
3. Locard's principle deals with \_\_\_\_\_
  - (a) Identification of blood group
  - (b) Individualization of exchange
  - (c) Identification of social class
  - (d) None of the above
4. Consumable alcohol is \_\_\_\_\_
  - (a) Butanol (b) Methanol
  - (c) Ethanol (d) None of the above
5. Silk is a \_\_\_\_\_
  - (a) Human fiber (b) Derived fiber
  - (c) Mineral fiber (d) None of the above
6. Lawful disinterment of an already engraved dead body is known as \_\_\_\_\_
  - (a) Execution (b) Identification
  - (c) Investigation (d) None of the above

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PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Elucidate the importance of forensic science.  
Or  
(b) Give an account on origin of forensic science.
12. (a) Explain dactylography.  
Or  
(b) Foot marks in crime scene are important evidence – Explain.
13. (a) Give the importance of tyre impression near the crime scene.  
Or  
(b) Enumerate the need for hand writing expert in the forensics department.
14. (a) Define forensic medicine and give its scope.  
Or  
(b) Elaborate on euthanasia.

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[P.T.O]

15. (a) What is viscera? Explain its importance.

Or

(b) What is wound? Give different types of wound.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Write a detail note on crime scene procedures.

Or

(b) Explain the divisions of forensic science in Tamil Nadu.

17. (a) Write in detail the physical evidence.

Or

(b) Enumerate the principle of exchange.

18. (a) What is questioned document? Give forms of alteration in a document.

Or

(b) Give an account on need for creating a database of hand writing patterns.

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19. (a) Write in detail the medico-legal document and its importance.

Or

(b) Write in detail the action of poison on an individual after its administration.

20. (a) Elucidate the influence of alcohol consumption on crime.

Or

(b) Explain the principles of medical practices.

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