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Total No. of Pages : 02

Total No. of Questions : 11

B.Sc. (Forensic Science) (Sem.-3)
FORENSIC BIOLOGY AND SEROLOGY

Subject Code : BFS-303-21

M.Code : 92493

Date of Examination : 16-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of EIGHT questions carrying TWO marks each.
2. SECTION-B contains EIGHT questions carrying FOUR marks each and students have to attempt any SIX questions.
3. SECTION-C will comprise of two compulsory questions with internal choice in both these questions. Each question carries TEN marks.

SECTION-A

1. Write short note on the following :

- a) Forensic importance of wood
- b) Singing Effect
- c) Melanin pigment
- d) WBCs
- e) Antigen
- f) Blood stain patterns
- g) Forensic importance of saliva
- h) Blood trails

SECTION-B

2. Elaborate the list of various Biological evidences along with their importance in forensics.
3. How do you identify pollen grains?
4. Explain the biochemistry of hair.
5. Discuss composition of blood.
6. Write note on the composition of semen.
7. Describe the forensic importance of semen in sexual assault cases.
8. Write note on impact blood stain pattern.
9. Discuss the documentation of blood stain pattern.

SECTION-C

10. Discuss in detail various tests to identify blood stain.

OR

Discuss the Forensic significance and evaluation of Milk and urine Stains.

11. Elaborate the importance of hair as evidence along with characteristics, which can be used to distinguish between human and animal hair.

OR

Explain techniques, which can be used to determine blood groups from blood stain.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.