

This question paper contains 3 printed pages]

Your Roll No. ....

1975

B.Sc. (Prog.)/III/NS

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EL-310 (IV)—FORENSIC SCIENCE

(NC—Admissions of 2005 and onwards)

Time : Two Hours

Maximum Marks : 38

(Write your Roll No. on the top immediately on receipt of this question paper.)

Answer Five questions in all.

Question No. 9 is compulsory.

1. What is Forensic Science ? Write names of important departments/divisions of a modern Forensic Science laboratory. Explain important functions, scope and type of cases handled by any two of its departments.

7

P.T.O.

2. What are the different types of fingerprints obtained at the scene of crime ? How are two fingerprints matched ? 7
3. What are house-hold poisons ? Give suitable examples. Give two examples of commonly used poisons involving murders/ suicides in rural areas. 7
4. What is a Tool ? Give a few examples of tools which are likely to leave a tool-mark which can be used to solve a criminal case. 7
5. Explain the differences in the skull of a male and a female. 7
6. How are blood stains identified ? What vital forensic information is provided by blood stains ? 7
7. How are fake currency notes distinguished from the genuine notes ? 7
8. How can a person be identified by analysis of voice ? 7

9. Write short notes on any *four* of the following : 10

- (a) Cyber crimes
- (b) Bite marks
- (c) Lie-detector
- (d) Narco-analysis
- (e) Estimation of height from long bones
- (f) Differences between human and non-human bones
- (g) Breath-analyser.