

11714

4

4. Write short note on the following (Any 3) :

(a) Fermented liquor

(b) Edgeoscopy

(c) Ninhydrin method

(d) Fire Extinguisher

(5,5,5)

(1000)

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 11714

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Unique Paper Code : 2176000008

Name of the Paper : SEC: Forensic Chemistry

Name of the Course : All Undergraduate Courses

Semester : I/III/V

Duration : 1 Hour

Maximum Marks : 30

**Instructions for Candidates**

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt any two questions out of four.
3. All questions carry equal marks.

P.T.O.

1. (a) Fill in the blanks :

(i) Computer forensics is also known as \_\_\_\_\_.

(ii) Full form of TNT is \_\_\_\_\_.

(iii) Alkaloid found in Tobacco is \_\_\_\_\_.

(iv) The first Indian Central Forensic Science laboratory was established in \_\_\_\_\_.

(v) \_\_\_\_\_ refers to the study of blood groups.

(b) What is the advantage of Automated Fingerprint Identification System?

(c) Explain "Fire Tetrahedron" with figure.

(d) What are Narcotics drugs? Write the names of any two drugs. (5,4,4,2)

2. (a) Explain classification of explosives with suitable examples of each type.

(b) What is 10 digits classification system of fingerprints?

(c) What are the different types of distilled liquor? What is their alcoholic content?

(d) What is deflagration? (4,4,4,3)

3. (a) Define Forensic Science. What is the role of forensic laboratory?

(b) How is ink analysed by thin layer chromatography?

(c) Discuss the Organizational structure of a Forensic Laboratory.

(d) Why is petrol adulterated? Write the name of one such adulterant. (4,4,4,3)

P.T.O.