

[This question paper contains 2 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 4612

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Unique Paper Code : 2176000008

Name of the Paper : SEC : FORENSIC CHEMISTRY

Name of the Course : **All undergraduate courses**

Semester : II/IV/V1

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.

1. (a) What are the ethics to be followed by forensic scientists?

(b) What is illicit liquor? What are its harmful effects?

(c) Fill in the blanks :

(i) First Fingerprint Bureau of the world was established at

(ii) Iodine vapours interact with content of sweat.

(iii) is an example of non-alcoholic beverage.

(iv) The full form of RDX is

(v) The evidence collected from a scene of explosion is packed in
container. (5,5,5)

P.T.O.

2. (a) What are drugs of abuse? Discuss their classification and ill effects.

(b) Describe Henry method of classification of fingerprints record.

(c) What are poroscopy and edgescopy? Explain their significance. (5,5,5)
3. (a) What is the procedure for collecting evidence for trap cases?

(b) How are samples of ink identified by TLC?

(c) What is the method for separation of different components of crude oil? Name the components and state how they are adulterated. (5,5,5)
4. (a) Discuss one method in detail for developing latent fingerprint.

(b) What is the importance of seat of fire? What precautions are taken to collect evidence in arson cases?

(c) Enumerate the importance of Locard principle in forensic science. (5,5,5)