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(c) Ill effects of drugs of abuse.

(d) Preliminary analysis of evidence in trap cases.

(5,5,5)

(200)

[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 3878

J

Unique Paper Code : 2176000008

Name of the Paper : SEC: FORENSIC CHEMISTRY

Name of the Course : **All Undergraduate Courses**

Semester : II/IV/VI

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 in all.
3. **All** questions carry equal marks.

P.T.O.

1. Answer the following :

- (a) Discuss the chemical methods used for the development of latent finger prints.
- (b) What are precaution taken while collection evidence from arson crime scene?
- (c) Discuss the significance of explosive analysis in forensic science.
- (d) Explain the concept of an automated fingerprint identification system (AFIS). (5,4,3,3)

2. (a) Fill in the blanks :

- (i) _____ is an adulterant present in diesel.
- (ii) _____ is generally used as detective dye to solve bribery case.
- (iii) _____ is used for the deflagration of an explosive.

(b) State whether the following statements are True or False :

- (i) A forensic scientist must link evidence to a crime and to the suspects by identifying and comparing relevant materials.
- (ii) Majority of alcohol in our body is digested by liver.
- (c) What are the advantages of using chemical methods over conventional method for finger print analysis?
- (d) Explain the terms: Edgeoscopy and Poroscopy.

(3,2,5,5)

3. Write short note on the following (**any three**) :

- (a) Designer drug in forensics and classes of designer drugs.
- (b) Organizational structure of forensic science laboratories.

P.T.O.