

[This question paper contains 4 printed pages.]

Your Roll No. 5004.....

Sr. No. of Question Paper : 2576

G

Unique Paper Code : 2176000008

Name of the Paper : SEC: Forensic Chemistry

Name of the Course : **UG Hons / Prog. (SEC)**

Semester : I

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) Fill in the blanks :

(i) _____ is non alcoholic beverage

(ii) _____ is generally used as detective dye to solve bribery case.

P.T.O.

(iii) The pattern on your hands and feet are called _____ ridges.

(iv) _____ are formed when the body's natural oils and sweat on the skin are deposited onto another surface.

(v) APIS stands for _____ (1×5)

(b) Differentiate between illicit liquor and denatured spirit. (3)

(c) Write the names of various fraction of petroleum. (3)

(d) What do you mean by drug of abuse. Give two examples. (4)

2. (a) Write short notes on any **two** of the followings :

(i) Arson

(ii) Forensic science

(iii) Detonation (2.5,2.5)

(b) What do you mean by ten-digit classification system of finger print. (5)

(c) State whether the following statements are True or False (**any five**).

- (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.
- (iii) Ballistic expert deal with the chemical test at crime spot.
- (iv) Finger prints are unique identification of a person.
- (v) Narcotic drugs do not affect central nervous system.
- (vi) Forensic science deals only with blood analysis at crime spot. (1×5)

3. (a) Explain briefly all the elements of fire.
- (b) What is the role of forensic science in the investigation of crime?
- (c) Write any **three** ethics of forensic science.

(5,5,5)