

SEAT No. _____

[50]

SARDAR PATEL UNIVERSITY
B.Sc. (Semester-II) Examination (NC)
Subject Code: - US02EFSC12
Subject: - Fundamental of Forensic Science
Date & Day: - 02-05-2022, Monday
Time- 12:00pm to 02:00pm

No. of Printed Pages: 01 ^P

TOTAL MARKS- 70

Q.1 Multiple Choice Questions

[10]

1. Footprints caused in mud, dust or snow are called _____.
(a) surface print (b) negative print
(c) sunken print (d) latent print
2. The study of lip prints is known as _____.
(a) cheiloscopy (b) poroscopy
(c) decteloscopy (d) none of these
3. The density of petrol is _____ kg/m³.
(a) 710-770 (b) 910-970
(c) 975-990 (d) 790-810
4. Gold is only dissolved in _____ solution.
(a) aquatint (b) aquatic
(c) aquafina (d) aqua regia
5. Haemoglobin level in blood of male is _____/100ml.
(a) 14-18 g (b) 10-12 g
(c) 21-22 g (d) 18-20 g
6. A person weighing 78 kg has _____ kg blood in his body.
(a) 7 (b) 5
(c) 4 (d) 6
7. Which blood group is known as universal donor?
(a) A (b) B
(c) AB (d) O
8. The false making or copying a document in order to cheat people is known as _____.
(a) Hand Writing (b) Forgery
(c) Request Document (d) Holographic Document
9. _____ is best way to preserve the document.
(a) centrification (b) elongation
(c) lamination (d) duplication
10. The document which is written and signed by same person is known as _____.
(a) pseudonymous document (b) holographic document
(c) request document (d) anonymous document

(1)

P.T.O.

- Q.2** **Answer the following in form of True or False.** **[08]**
- 1 Impression caused by bare foot is called as Latent Prints.
 - 2 Dermis is the thicker layer of skin.
 - 3 Prints visible to naked eyes are called Visible Prints.
 - 4 Full form of GC is Gas Chromatography.
 - 5 Gas Chromatography method identifies that which materials are present in sample.
 - 6 In phenolphthalein test, yellow color will appear.
 - 7 Wills is a document, a person executes to allocate his wealth and property.
 - 8 Holographic document, which is written and signed by same person.

- Q.3** **Short answer questions: (Any Ten)** **[20]**
- 1 Give the composition of sweat.
 - 2 Write the different types of foot print.
 - 3 Give the forensic significance of lip marks.
 - 4 Define the term qualitative analysis
 - 5 Write the types of general chemical analysis.
 - 6 Give the full forms of IR and NMR.
 - 7 Write a note on haemoglobin.
 - 8 Enlist the functions of blood.
 - 9 Define the term Leucocytes.
 - 10 Define Admitted Writings.
 - 11 Give the basic principle of handwriting.
 - 12 What is forgery?.

- Q.4** **Answer in detail (Any Four)** **[32]**
- 1 Write a note on Fingerprint.
 - 2 Write a note on various types of foot prints.
 - 3 Write a note on forensic chemistry
 - 4 Write a short on various methods of analysis in chemistry.
 - 5 Give forensic significance of Blood.
 - 6 Explain the types of human blood groups.
 - 7 Write a short note on request writing.
 - 8 Explain the types of documents.

②