

SARDAR PATEL UNIVERSITY
BSc. (I Semester) (CBCS) Examination
Friday, 22nd April, 2016
2.30 – 4.30 pm
US01EFSC12 – Fundamentals of Forensic Science

Total Marks: 70

TIME- 2:30 PM – 4:30 PM

TOTAL MARKS- 70

Q-1 Choose the correct answer from the given options:

(10)

- 1) In _____ year the forensic science laboratory established in Gujarat.
(a) 1965 (b) 1970
(c) 1974 (d) 1958
- 2) Powder should be packed in _____.
(a) Polythene bag (b) Druggist Fold
(c) Plastic Glass (d) None of these
- 3) The standard sketching scale for indoor crime scene is _____.
(a) 1:7-1:75 (b) 1:00-1:05
(c) 1:5-1:50 (d) 1:00-2:00
- 4) _____ is the unlawful taking and carrying away of property from the possession of another.
(a) Burglary (b) Arson
(c) Fraud (d) Larceny
- 5) _____ do not need the host to attach with them.
(a) Worm (b) Virus
(c) RAM (d) Both (a) and (b)
- 6) In _____, criminal sets up the illegal or bogus website to commit the crime.
(a) Hacking (b) Internet relay chat
(c) Stalking (d) Phishing
- 7) Data diddling is also known as _____.
(a) E mail bombing (b) Forgery
(c) Trafficking (d) Tampering
- 8) _____ crystals are placed over the primary subject in photography.
(a) Zinc chloride (b) Silver halide
(c) Cadmium halide (d) Silver chloride
- 9) Aperture is also known as _____.
(a) F/stop (b) Diaphragm opening of lens
(c) Parallax (d) Both a) and b)
- 10) Midrange photography is also known as _____.
(a) In between photography (b) Close up photography
(c) Overall photography (d) Intermediate photography.

Q-2 Answer the following: (Any 10) (20)

1. Define Forensic Toxicology.
2. What is law of Comparison?
3. Give contribution of Calvin Goddard in Forensic Science?
4. Explain the types of offenders classified under IPC.
5. Write in brief about Violent Crime.
6. Who are Alcoholic robbers?
7. Which are the crimes against Organization?
8. What is Extortion?
9. What is software piracy?
10. List out the cardinal rules of photography.
11. List out the parts of camera.
12. What are the uses of Telephoto lens?

Q-3 (A) Explain any five branches of Forensic Science. (5)

(B) What is the importance of photography and notes in crime scene management? (5)

'OR'

Q-3 (A) Explain any three methods of Searching in crime scene management. (6)

(B) Give brief explanation of "chain of custody". (4)

Q-4 (A) Explain types of violent crimes. (6)

(B) Give the characteristics of white collar criminals. (4)

'OR'

Q-4 (A) What are the causes behind communal violence? (5)

(B) Explain "types of killers". (5)

Q-5 (A) Give detail about unauthorized access and E-mail bombing. (6)

(B) Write about computer vandalism. (4)

'OR'

Q-5 (A) State the characteristics of First generation computer. (6)

(B) Write a short note on Logic bomb. (4)

Q-6 (A) Explain the types of camera. (6)

(B) Elaborate the "maximize the depth of field". (4)

'OR'

Q-6 (A) Explain Shutter Speed and lens flare. (6)

(B) Write about shadow control in photography. (4)