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Question Paper Code: 59B04

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Elective

Biomedical Engineering

15UBM904- FORENSIC SCIENCE

(Regulation 2015)

Duration: 1.15 hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. Forensic science is the application of science to _____? CO1- R
(a) Criminal and civil laws (b) Justice system (c) Humanity (d) Both a and b
2. _____ is the father of fingerprinting. CO1- R
(a) Hans gross (b) Henry Faulds (c) Albert osborn (d) Francis Galton
3. Adulteration of food comes under _____. CO2- R
(a) White collar crime (b) Crime against public health
(c) Blue collar crime (d) Red collar crime
4. National security act was passed in _____. CO2- R
(a) 1990 (b) 1960 (c) 1970 (d) 1980
5. Modern Indian police system is a creation of _____. CO3- R
(a) Ancient indian rulers (b) British rule
(c) French rule (d) Republic india
6. Abbreviation for SP is _____. CO3- R
(a) Superintendent of police (b) Sub inspector of police
(c) Supervisor of police (d) Sub registrar of police

7. Byte marks include _____ . CO4- R
- (a) A small bleeding spot (b) A small bleeding spot
(c) Ruptured blood vessels (d) All of the above
8. _____ testing of evidence has overturned many convictions that relied on hair analysis. CO4- R
- (a) DNA (b) RNA (c) Tissues (d) Culture
9. A person appointed for participating in investigation conducted by other state is called _____ CO5- R
- (a) Accredited representative (b) Adviser (c) CBI (d) Analyser
10. Modus operandi means _____ CO5- R
- (a) Investigation (b) Crime scene
(c) Bureau (d) Mode of operation

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. Explain the historical background of forensic science in India. CO1- U (8)
12. Discuss in detail about criminal justice system in India. CO2- U (8)
13. Explain the significance of photography and videography while examining the crime scene. CO3- U (8)
14. Explain the necessity of blood spatter analysis and steps involved in it. CO4- U (8)
15. Explain the role of modus operandi bureau in crime investigation of road accidents. CO5- U (8)