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Question Paper Code: 59B04

B.E. / B.Tech. DEGREE EXAMINATION, APRIL 2019

Elective

Biomedical Engineering

15UBM904- FORENSIC SCIENCE

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

1. Forensic word is derived from _____ CO1- R
(a) Latin (b) Greek (c) Spanish (d) English
2. Central finger print bureau was established at _____ CO1- R
(a) Chennai (b) Mumbai (c) Calcutta (d) Shimla
3. Crimes done to get money is called _____. CO2- R
(a) Miscellaneous (b) Political crime
(c) Monetary crime (d) Sexual crime
4. National security act was passed in _____ CO2- R
(a) 1990 (b) 1960 (c) 1970 (d) 1980
5. MISA is _____ CO3- R
(a) Maintenance of internal security act (b) Maintenance of integral security act
(c) Maintenance of internal social act (d) Minimization of integral security act
6. Term police is derived from latin word _____ CO3- R
(a) Polis (b) Politia (c) State (d) Polizeae

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. _____ is the interpretation of bloodstains at a crime scene in order to CO4- R
recreate the actions that caused the bloodshed.
- (a) BPA (b) SPA (c) DTA (d) None of the above
9. A person appointed for participating in investigation conducted by CO5- R
other state is called_____
- (a) Accredited representative (b) Adviser (c) CBI (d) Analyser
10. Pathological hazards means_____ CO5- R
- (a) Diseases caused by pathogens (b) Health hazards
(c) Both (d) None of the above

PART – B (5 x 2= 10 Marks)

11. What do you mean by dactylography? CO1- U
12. Analyse peoples participation in crime prevention. CO2- Ana
13. Analyse the need for protection of crime scene. CO3- Ana
14. How do you analyse the blood spatter in crime scene? CO4- R
15. Define accident. CO5- R

PART – C (5 x 16= 80Marks)

16. (a) Define forensic science. Elaborate on principles and laws of CO1- U (16)
forensic science.
- Or
- (b) Explain the forensic science laboratory divisions. CO1- U (16)
17. (a) Explain in detail about criminal justice system in india. CO2- U (16)
- Or
- (b) Explain about causes and types of various crimes in society. CO2- U (16)

18. (a) Discuss the process of making sketches and justify its purpose. CO3- U (16)
- Or
- (b) Explain the role of investigator in the crime scene. CO3- U (16)
19. (a) Explain the various functions and examination in hair analysis. CO4- U (16)
- Or
- (b) Write in detail about Footprints and tyre impression . CO4- U (16)
20. (a) Explain the investigation of a murder and burglary case examination. CO5 U (16)
- Or
- (b) Discuss about the examination procedures and role of investigator in various types of cases. CO5 U (16)

