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Question Paper Code: 59B53

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2021

Open elective

Civil Engineering

15UBM953- FORENSIC SCIENCE IN HEALTHCARE

(Common to CSE, ECE, EEE, EIE, Mechanical, IT, Chemical, Agriculture)

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

- Forensic word is derived from _____ CO1- R
(a) Latin (b) Greek (c) Spanish (d) English
- _____ is the father of fingerprinting. CO1- R
(a) Hans gross (b) Mathieu orfila (c) Albert osborn (d) Francis galton
- Activities that involve breaking the law is called _____ CO2- R
(a) Forgery (b) Crime (c) Harassment (d) Strike
- Consumer protection act was passed in the year _____ CO2- R
(a) 1985 (b) 1986 (c) 1987 (d) 1984
- _____ is the head of the police organization at state level. CO3- R
(a) DGP (b) IG (c) SSP (d) SP
- Finger print branch comes under _____ CO3- R
(a) DGP armed force (b) DGP special wing
(c) DGPI Rty poice (d) DGP CID
- _____ method is best method to use on unpaved roads without clean cut edges. CO4- R
(a) Polar coordinate (b) Triangulation (c) Both (a) & (b) (d) None of the above

8. _____ is used to reduce movement while taking the video. CO4- R
 (a) Base (b) Stand (c) Tripod (d) 90 angle
9. Modus operandi means _____. CO5- R
 (a) Investigation (b) Crime scene (c) Bureau (d) Mode of operation
10. Pathological hazards means CO5- R
 (a) Diseases caused by pathogens (b) Health hazards
 (c) Both A & B (d) None of the above

PART – B (5 x 2= 10Marks)

11. Discuss on need of forensic science in present scenario. CO1- R
12. Recommend the circumstantial elements in family that are related with the criminality of human beings. CO2- Ana
13. Mention the three types of police reports. CO3- U
14. Analyse the need for protection of crime scene. CO4- Ana
15. Give the possible causes for air crash incidents. CO5- Ana

PART – C (5 x 16= 80Marks)

16. (a) Define forensic science. Elaborate on principles and laws of forensic science. CO1- U (16)
 Or
 (b) Compare and contrast the organisational setup of forensic science in both state and central level. CO1- U (16)
17. (a) Analyze on nature and scope of corporate crime. CO2- Ana (16)
 Or
 (b) Explain about causes and types of white collar crime. CO2- Ana (16)
18. (a) Chart the organizational setup of police at state level. CO3- U (16)
 Or
 (b) Explain the various functions of police and prioritize them with respect to forensic science. CO3- U (16)
19. (a) Explain the role of investigator in the crime scene.. CO4- U (16)
 Or
 (b) Explain the significance and evaluation of crime scene. CO4- U (16)

20. (a) Explain the investigation of a murder and burglary case CO5- U (16)
examination.in the examination procedures involved in air crashes.

Or

(b) Explain the role of modus operandi bureau in crime investigation CO5-U (16)
of road accidents.

