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Question Paper Code: 59B53

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

Open elective

Civil Engineering

15SUBM953- FORENSIC SCIENCE IN HEALTHCARE

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

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

- _____ is the father of fingerprinting. CO1- R
(a) Latin (b) Greek (c) Spanish (d) English
- Central finger print bureau was established at _____. CO1- R
(a) Chennai (b) Mumbai (c) Calcutta (d) Shimla
- Crimes done to get money is called _____. CO2- R
(a) Miscellaneous (b) Political crime (c) Monetary crime (d) Sexual crime
- National security act was passed in _____. CO2- R
(a) 1990 (b) 1960 (c) 1970 (d) 1980
- Term police is derived from latin word _____. CO3- R
(a) Polis (b) Politia (c) State (d) Polizeae
- Finger print branch comes under _____. CO3- R
(a) DGP armed force (b) DGP special wing
(c) DGPI Rty poice (d) DGP CID
- _____ should not be included in the photography of the crime scene. CO4- R
(a) Wrecker vehicle (b) Police personnel (c) Bystanders (d) All the above

8. _____ method is best method to use on unpaved roads without clean cut edges. CO4- R
- (a) Polar coordinate (b) Triangulation (c) Both (d) None of the above
9. Maximum certificated take off mass is called _____. CO5- R
- (a) Mass ratio (b) Impact angle (c) Take off mass (d) Aircraft mass
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. Define anthropometry. CO1- R
12. Analyze the different causes of Crime. CO2- Ana
13. State the functions of police CO3- U
14. What are significant role involved in crime scene. CO4- U
15. Define accident. CO5- R

PART – C (5 x 16= 80Marks)

16. (a) Explain the historical background of forensic science in india. CO1- U (16)
- Or
- (b) Define forensic science. Elaborate on principles and laws of forensic science. CO1- U (16)
17. (a) Analyze on nature and scope of White collar crime & blue collar crime with examples. CO2- Ana (16)
- Or
- (b) Categorize the criminality types in india. CO2- Ana (16)
18. (a) Explain the history of different paramilitary forces in india. CO3- U (16)
- Or
- (b) Write in detain about various paramilitary forces in india. CO3- Ana (16)
19. (a) Discuss the process of making sketches and justify its purpose. CO4- U (16)
- Or
- (b) Analyse the significance of photography and video graphy while examining the crime scene. CO4- Ana (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.

