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Question Paper Code: 59B53

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2018

Open elective

Civil Engineering

15UBM953- 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)

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. Crime is of origin _____ CO2- R
(a) Crimean (b) Criminalistics (c) Crimene (d) Both a and c
4. National security act was passed in _____ CO2- R
(a) 1990 (b) 1960 (c) 1970 (d) 1980
5. _____ is the head of the police organization at state level. CO3- R
(a) DGP (b) IG (c) SSP (d) SCSI
6. FIR is _____ CO3- R
(a) first informatory report (b) final informatory report
(c) foremost intelligence report (d) none
7. _____ method of sketching is used in roadways with well defined edges. CO4- R
(a) coordinate (b) triangulation (c) rectangular (d) none

8. Close up video must be taken within _____ of range. CO4- R
 (a) 2 feet (b) 3 feet (c) 4 feet (d) 5 feet
9. Modus operandi means _____ CO5- R
 (a) investigation (b) crime scene (c) bureau (d) mode of operation
10. Maximum certificated take off mass is called CO5- R
 (a) mass ratio (b) impact angle (c) take off mass (d) aircraft mass

PART – B (5 x 2= 10Marks)

11. Define anthropometry CO1- R
12. Give causes of white collar crime. CO2- R
13. Compare and contrast the functions of forensic scientists with that of police officers. CO3- Ana
14. Analyse the need for protection of crime scene. CO4- Ana
15. Define accident. CO5- R

PART – C (5 x 16= 80Marks)

16. (a) Define forensic science. Elaborate on principles and laws of forensic science. CO1- U (16)
 Or
 (b) Give the organisational setup of forensic science in state level. CO1- U (16)
17. (a) Explain about causes and types of white collar crime. CO2- U (16)
 Or
 (b) Explain a white collar crime with reference to a case study. CO2- U (16)
18. (a) Explain the history of different paramilitary forces in india. CO3- Ana (16)
 Or
 (b) Explain the organizational setup of police in state level with a neat sketch. CO3- Ana (16)
19. (a) Explain the significance and evaluation of crime scene. CO4- U (16)
 Or
 (b) Analyze the role of investigator in crime scene examination. CO4- Ana (16)

20. (a) Explain investigation of murder case with suitable example. CO5- U (16)
- Or
- (b) Illustrate the process of investigation of burglary. CO5-U (16)

