A   Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code: 59B53

B.E. / B.Tech. DEGREE EXAMINATION, NOV 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. Edmond locard stated _____   CO1- R

    (a) Law of analysis   (b) Principle of exchange

    (c) Law of individuality   (d) Law of comparison.

3. Activities that involve breaking the law is called _____   CO2- R

    (a) Forgery   (b) Crime   (c) Harassment   (d) Strike

4. Crimes done to get money is called _____.   CO2- R

    (a) miscellaneous   (b) political crime   (c) monetary crime   (d) sexual crime

5. _____ is the head of the police organization at state level.   CO3- R

    (a) DGP   (b) IG   (c) SSP   (d) SCSI

6. Modern indian police system is a creation of_____   CO3- R

    (a) ancient indian rulers   (b) british rule   (c) French rule   (d) republic india

7. _____ method of sketching is used in roadways with well   CO4- R
    defined edges.

    (a) Coordinate   (b) Triangulation   (c) Rectangular   (d) None of the above

8. _____ 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

9. Maximum certificated take off mass is called ---------------   CO5- R

    (a) mass ratio   (b) impact angle   (c) take off mass   (d) Analyser

10. ESLA is used in _____analysis.   CO5- R

    (a) Bullet   (b) Bone   (c) Finger print   (d) aircraft mass

PART – B (5 x 2= 10Marks)

11. Mention the hierarchy of central forensic organization.   CO1- R

12. Define blue collar crime.   CO2- R

13. State the functions of police.   CO3- U

14. What are the equipments needed for photography?   CO4- Ana

15. What does a flight recorder mean?   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) Give the organisational setup of forensic science in central level. CO1- U   (16)

17. (a) Give a brief introduction about prevention of crime.   CO2- U   (16)
                                Or
    (b) Categorize the criminality types in india.   CO2- Ana   (16)

18. (a) Paraphrase the organizational setup of police with respect to a   CO3- Ana   (16)
         particular state.
                                Or
    (b) Explain the history of different paramilitary forces in india.   CO3- Ana   (16)

19. (a) Analyse the significance and evaluation of crime scene   CO4- U   (16)
                                Or
    (b) Explain the methods involved in sketching process.   CO4- Ana   (16)

20. (a) Explain investigation of murder case with suitable example   CO5- U   (16)
                                Or
    (b) Give a short note on modus operandi of bureau investigations.   CO5-U   (16)

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