

Question Paper Code: 99B73

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

Open elective

Civil Engineering

19UBM973- FORENSIC SCIENCE IN HEALTHCARE

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

(Regulation 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

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| 1. | Explain the role of forensic scientist. | CO1 U |
| 2. | Discuss on need of forensic science in present scenario. | CO3 A |
| 3. | Define Cybercrime. | CO2 U |
| 4. | State the functions of police. | CO2 R |
| 5. | Analyse the need for protection of crime scene. | CO3 R |
| 6. | Give the various categories of sketches. | CO3 R |
| 7. | Define Anthropology. | CO4 R |
| 8. | Distinguish between Anthropology and Entomology. | CO4 R |
| 9. | Define serious injury. | CO5- R |
| 10. | Define accident. | CO5- R |

PART – B (5 x 16= 80Marks)

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| 11. | (a) Define Forensic science. Elaborate on principles and laws of forensic science. | CO1-U | (16) |
| Or | | | |
| | (b) Explain the historical background of forensic science in India. | CO1-U | (16) |

12. (a) Difference between blue and white collar crime. CO2-U (16)
Or
(b) Discuss about the organizational setup of police at central level CO2-U (16)
13. (a) Explain the significance and evaluation of crime scene. CO3-U (16)
Or
(b) What are process of making sketches and justify its purpose CO3-U (16)
14. (a) Explain the various functions and examination of evidences collected in crime scene CO4-U (16)
Or
(b) Explain the necessity of blood spatter analysis and DNA analysis. CO4-U (16)
15. (a) Explain the investigation of a murder and burglary case examination. CO5-U (16)
Or
(b) Explain the role of modus operandi bureau in crime investigation of road accidents. CO5-U (16)