



Regulation R17
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A' Grade)

Subject code: 1E7EH

B.Tech IV Year I Semester Supplementary Examinations, July 2022
COMPUTER FORENSICS
(Computer Science and Engineering)

Maximum Marks: 70

Duration: 3Hours

All the following questions carry equal marks

Part-A

(10x2M=20 Marks)

- 1 What are the benefits of professional forensics methodology?
- 2 Explain how law enforcement is done in computer forensics?
- 3 Explain how data backup and recovery is done in computer forensics?
- 4 Explain the rules of collecting electronic evidence?
- 5 How Authenticode works with VeriSign Digital IDs?
- 6 How remote acquisition is performed in computer forensics?
- 7 Give an overview of network forensics?
- 8 How do you secure a computer incident or crime scene?
- 9 Explain evidence retention and media storage needs?
- 10 Briefly explain the tasks performed by computer forensics tools?

Part-B

Answer all the questions

(10MX 5=50Marks)

- 11 What is role of e-mail in forensic investigations?
OR
- 12 Write short notes on:
a) MS-DOS startup tasks b) Virtual machines.
- 13 Explain the following business computer forensics technology
i) Remote monitoring of target computers ii) Theft recovery software for laptops and PCs.
OR
- 14 Explain the obstacles you find in backing up applications?
- 15 Explain the types of Evidences?
OR
- 16 Explain the legal aspects of collecting and preserving computer forensic evidence?
- 17 Explain the process of validating the forensic data?
OR
- 18 Give an overview of Network forensics?
- 19 Briefly explain processing of law enforcement crime scenes?
OR
- 20 What are the roles of the client and server in e-mail investigation?