



GIET UNIVERSITY, GUNUPUR – 765022

Ph.D. (Second Semester) Examinations, November – 2023

WPPECS2018 /PPECS2018 - Digital Forensics

(CSE)

Time: 3 hrs

Maximum: 70 Marks

The figures in the right hand margin indicate marks.

Answer ANY FIVE Questions

(14 x 5 = 70 Marks)

	Marks
1.a. How would Define Computer Forensics?	7
b. Explain the various data collection methods in digital forensics.	7
2.a. Explain the standard procedures used for network forensics.	7
b. Describe various types of data acquisition formats along with its advantages.	7
3.a. Explain the tasks to be completed before searching for evidence.	7
b. Describe the court documents would be required for a criminal investigation.	7
4.a. Define who should be notified of a crime.	7
b. Discuss the stages of beginning an investigation.	7
5.a. Discuss the parts of gathering evidence.	7
b. Describe different probable cause in Forensics.	7
6.a. Discuss computer forensics workstations and software.	7
b. Discuss various open-source security tools for network forensic analysis.	7
7 a. Discuss the various requirements for preservation of network data.	7
b. Discuss the legal aspects of digital forensics.	7
8 a. Describe various types of computer forensics.	7
b. Explain validation and discrimination. Explain its sub functions.	7

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