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GIET UNIVERSITY, GUNUPUR – 765022

Ph.D. (Second Semester) Examinations, April – 2024

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. Explain the standard procedures used for network forensics.	7
b. Describe various network forensics tools.	7
2.a. Explain various mobile forensics tools.	7
b. Describe various ways to trace information on the internet.	7
3.a. Explain the tasks to be completed before searching for evidence.	7
b. Describe various guidelines for writing reports.	7
4.a. Explain the different types of computer forensics tools.	7
b. Explain the various data collection methods in digital forensics.	7
5.a. Describe various types of computer forensics.	7
b. Describe the standard system analysis steps to be applied when preparing for a forensic investigation case.	7
6.a. How would define Computer Forensics?	7
b. Explain the Investigation Triad.	7
7.a. Explain validation and discrimination. Explain its sub functions.	7
b. Describe various types of data acquisition formats along with its advantages.	7
8.a. Define Bit-Stream Copies.	7
b. Describe the tasks involved in investigating E-mail crimes and violation.	7

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