MSEI-027

MASTER OF SCIENCE (INFORMATION SECURITY) / P. G. DIPLOMA IN INFORMATION SECURITY

(MSCIS / PGDIS)

Term-End Examination

June, 2024

MSEI–027 : DIGITAL FORENSICS

Time : 2 Hours 　　　　*Maximum Marks : 50*

Note : *Section–A :* *Answer* ***all*** *the objective types questions.*

　　　Section–B : *Answer* ***all*** *the very short answer types questions.*

　　　Section–C : *Answer any* ***two*** *questions out of three short answer type questions.*

　　　Section–D : *Answer any* ***two*** *questions out of three long answer type questions*

Section—A

Note : *Attempt all the objective type questions.*

1 each

1. The full form of FIFO is ....

2. RAID stands for ....

3. VOIP stands for ....

4. GSM stands for ....

5. .... is the full form of BIOS.

6. TCP/IP protocol used behind Ping command :

   (a) True

   (b) False

7. All of the following are examples of real security and privacy risk except :

   (a) Hackers

   (b) Spam

   (c) Viruses

   (d) Identity theft

8. Which of the following is an example of input device ?

   (a) Scanner

   (b) Speaker

   (c) CD

   (d) Printer

9. .... bits size for IPV6 protocol.

10. WAP stands for wired application protocol.

   (a) True

   (b) False

Section—B

Note : *Attempt all the very short answer type questions.* 2 each

11. Explain seizure.

12. What is 802.11 standard ?

13. What is CoC (Chain of Custody) ?

14. What is electronic tampering ?

15. Define windows registry. Why is it important in forensics.

Section—C

Note : *Attempt any* **two** *out of three short answer type question.* 5 each

16. What are the major characteristics of financial crimes ?

P. T. O.

17. Explain money laundering and phising.

18. Explain any *two* types of spam.

Section—D

Note : *Attempt any* ***two*** *out of three long answer type question.*   *10 each*

19. What is the difference between Wi-Fi and WiMax ? Specify their standards, technical characteristics and security policies.

20. What is intrusion detection system ? How is it different from fire wall ?

21. Explain any 5 Email and IRC related crimes.