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# MSEI–027

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

## Term-End Examination

## December, 2024

### MSEI-027 : DIGITAL FORENSICS

*Time : 2 Hours* *Maximum Marks : 50*

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

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

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

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

### Section—A

***Note :*** *Attempt all the objective type questions.*

1 each

1. TCP/IP Protocol is used behind Ping command.

   (a) True

   (b) False

2. PUK stands for ..... .

3. SNMP stands for ..... .

4. TFTP stands for ..... .

5. The name of website containing periodic posts ..... .

6. Output devices store instructions or data that the CPU processes.

   (a) True

   (b) False

7. USB drives use ..... .

   (a) RAM memory

   (b) Cache memory

   (c) Flash memory

   (d) None of the above

8. ..... Command, commonly use in Linux to create hard disk image.

9. EDGE stands for Enhanced Data Rate for GSM Evolution.
   (a) True
   (b) False

10. http stand for "hyper text transfer protocol".
   (a) True
   (b) False

## Section—B

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

11. Explain Boot Loaders.

12. Define honey potting.

13. Explain the use of RADIUS.

14. What are the different formats for digital evidence ?

15. Explain ad hoc mode of operation.

## Section—C

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

16. Explain the wireless point security standards.

17. Explain any digital forensic investigation model.

18. How forensic analysis is done on windows and mobile devices ?

## Section—D

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

19. Explain in detail any *four* e-mails and IRC related crimes.

20. What is the general process for conducting a digital investigation ?

21. Discuss the levels of analysis for data acquisition from mobile phones.

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