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MSEI-027

**P. G. DIPLOMA IN INFORMATION
SECURITY (PGDIS)**

Term-End Examination

June, 2022

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 questions.

1 each

1. SSID stands for

P. T. O.

2. PGP stands for
3. PUK stands for
4. is the science of hiding messages in messages.
5. IMEI stands for
6. AAA protocol/service is RADIUS stands for
7. In Microsoft file structure, sectors are rounded together to form
8. An is a form of internet text messaging or synchronous conferencing.
9. is the collection of infected computers or bots that have been taken over by hackers.
10. SPF stands for and DAC stands for

Section—B

Note : Attempt all the very short answer type questions.

11. Define honey pots and IDS. 2
12. Define Identity theft. Define the types of data theft. 2
13. Write a short note on types of spam. 2

14. Differentiate between “copy of the drive” and “imaging of the drive.” 2
15. Define Boot Loaders with examples. 2

Section—C

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

16. What is Money Laundering and Phishing ? 5
17. Explain any *two* tools used in “forensics examination of mobile devices.” 5
18. What is the difference between Logical Data Acquisition and Physical Data Acquisition ? 5

Section—D

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

19. Describe “log file analysis.” What is “file carving” in data recovery ? What is salvaging of data ? 10

20. What is the difference between WiFi and Wimax ? Specify their standards, technical characteristics and security policies. 10
21. Explain *three* steps of investigating Nigerian fraud cases. What is data theft ? Define Ad-hoc network. 10