

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

Term-End Examination

December, 2013

MSEI-027 : DIGITAL FORENSICS

Time : 2 hours

Maximum Marks : 50

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- Note :** *Section A - Answer all the objective type questions.*
Section B - Answer all the very short answer type questions.
Section C - Answer any two out of three short answer type questions.
Section D - Answer any two out of three long questions.
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SECTION - A

Objective type questions. (Attempt all the questions) :

1. PDA stands for _____ . 1
- (a) Personal Digital Assistant
(b) Personal Digital Admin.
(c) Personal Digital Admission
(d) None of these
2. A Multi-Media Card (MMC) is a solid-state disk 1
card with _____ number of pins connector.

3. _____ is the world first “ smart phone” for web browsing provider color and video over telephone sets. 1
4. Full form of SM is _____ . 1
5. WAP stands for Wired Application Protocol. 1
(a) TRUE (b) FALSE
6. “PGP” stands for _____ . 1
7. “SSIDS” stands for _____ . 1
8. “TFTP” stnds for _____ . 1
9. EDGE stnds for Enhanced Data GSM Environment. 1
(a) TRUE (b) FALSE
10. _____ is the collection of infected computers or bots that have been taken over by hackers. 1

SECTION - B

Very short type questions. (Attempt all the questions)

11. What is WEP ? 2
12. Write a short note on types of Spam. 2
13. What is infrored ? 2
14. Write a short note on mobile forensics. 2
15. Write a short note on freezing the scene. 2

SECTION - C

Short answer type questions. (Attempt 2 out of 3 questions.)

16. What is Money Laundering ? What is Identity theft ? 5
17. Explain only two tools used in "Forensics Examination of Mobile devices". 5
18. Write a short note on data file integrity . Explain logical Backup and Bit Stream Imaging. 5

SECTION - D

Long Answers type questions. (Attempt 2 out of 3 questions) :

19. Explain five stages of Ethical Hacking. 10
 20. What is the general process for conducting a digital investigation ? As an investigator what are different things that have to be determined / looked into for conducting an effective investigation ? 10
 21. Write a short note on the following : 5x2=10
 - (a) Cyber - Stalking
 - (b) MAC
 - (c) Harassment
 - (d) SIM card Acquisition
 - (e) WIPS
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