| MSEI-027 |

P.G. DIPLOMA IN INFORMATION SECURITY (PGDIS)

Term-End Examination 00256

June, 2013

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** questions out of **three** long questions.*

SECTION–A

Objective type questions

(Attempt *all* the questions)

1.   FTC stands for _____.   1

(a)   Federal Trade Commission

(b)   Federal Trade Commissioner

(c)   Federal Trade Command

(d)   None of these

2.   _____ is the world's first "smart phone" for   1
web browsing and provides color and video over
telephone sets.

3. A Multi Media Card (MMC) is a solid–state disk   1
   card with _____ number of pins connector.

4. MF, DF, EF are the types of file system for SIM.   1
   (a) True   (b) False

5. GSM stands for _____.   1

6. GPRS stands for _____.   1
   (a) General Packet Radio Server
   (b) General Packet Radio Service
   (c) General Package Radio Server
   (d) None of these

7. PUK stands for _____.   1

8. 802.119 used the data rate of _____ mbps.   1

9. Spam is the use of electronic messaging system to   1
   send unsolicited bulk messages indiscriminately.
   (a) True   (b) False

10. EDGE stands for Enhanced Data GSM   1
    Environment.
    (a) True   (b) False

SECTION-B

Very short type questions

(Attempt *all* the questions)

11. What is Spoofing ?   2

12. What is PDA Seizure ?   2

13. What is honeypotting ?   2

14. Define Bluetooth.   2

15. Write a short note on "Multi–Media Card".   2

SECTION-C

Short Answers type questions

(Attempt **2** out of **3** questions)

16. Give some examples of important computer   5
    related crimes in India.

17. How can one define digital investigations and   5
    digital evidence ? And when a complaint on
    information theft is received, how should one start
    investigation ?

18. What are the advantages of using wireless   5
    technology for computer network ?

SECTION–D

Long answers type questions

(Attempt **2** out of **3** questions)

19. Define i–mode. Explain the use of WPAN's. What is range of 802.20 ? List three classifications of wireless networks.

10

20. Explain "Log File Analysis". What is "File Carving" in Data Recovery ? What is Salvaging of Data ?

10

21. Write a short note on the following :

10

    (a)   SNMP

    (b)   Vital Information Resource under Siege

    (c)   Cyber Terrorism

    (d)   Root–Kits

    (e)   Cyber Bullying

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