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Term End Examination - June, 2018
Diploma/Post Graduate Diploma in Cyber Security
DCS-04/CSP-013: Application Cyber Security

Time - 3 hours   **Full Mark – 100**

Answer all questions from Group -'A', any four questions from
Group -'B, any four questions from Group -'C' and any two question from Group-'D'

Group 'A'   Mark: $1 \times 10 = 10$
(Answer all the questions)

Q.No.1 (Choose the correct answer)

i. Which of the following is not an example of Operating system?
   a) Windows 98   b)BSD Unix   c)Microsoft Office XP   d)Red Hat Linux

ii. The way of manipulating data into information is called as?
   a) Storing   b) Processing   c)Deletion   d)Organizing

iii. What is the use of database security?
   a) data encryption   b)a view   c)finger print   d)all of the above

iv. A firewall may be implemented in
   a. routers which connect intranet to internet
   b. bridges used in an intranet
   c. expensive modem
   d. user's application programs

v. _____ are computer programs that are designed by attackers to gain root or administrative access to your computer.
   a)Backdoors   b)Rootkits   c)Malware   d)Antiware

vi. Database Security Counter Measures
   a) Backup and Recovery   b) Encryption   c) RAID Technology   d) All off the above

vii. NTFS stands for _____
   a) Now to Fast Service   b) Next Text file system
   c)New Technology File System   d) All of the above

viii. CPU stands for _____
   a) Control Processing Unit   b) Central Processing Unit
   c) Computer Processing Unit   d) All of the above

ix. RTO stands for_____
   a) Regional Transport Office   b) recovery time objective
   c) Recovery time office   d) All of the above

x. Digital signature provides_____
   a) Authentication   b) Nonreputation   c) Both a) and b)   d) Nither a) nor b)

PTO.

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Group 'B'

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Marks: 5 × 4= 20

Q.No.2 (Answer any four questions each within 50 words)

   a)   What is an SQL injection?
   b)   What do you mean by System Threats?
   c)   What is Operating System Vulnerability?
   d)   What are the benefits of forensic readiness?
   e)   Write a brief notes on COBITS?
   f)   What are the common criteria of Evaluation of IT Security?

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Group 'C'

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Mark: 10 × 4= 40

Q.No.3 (Answer any four questions each within 200 words)

   a)   Mention the desktop security policies?
   b)   Write the different types of Trojan horse.
   c)   What do you mean by database security?
   d)   What is a Program threat? List and explain some well-known program threats.
   e)   What is DRP? Write its benefits of DRP.
   f)   What is a Digital Signature? Explain with example.

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Group 'D'

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Mark: 15 × 2= 30

Q.No.4 (Answer any two questions each within 250 words)

   a)   Write the short notes how to make your personal computer secured?
   b)   What is a programming bug? Explain the impact of programming bug.
   c)   What is a malicious code? Explain the different malicious codes.
   d)   Define Operating System Security. What are the mechanisms employed to ensure operating system security?