S.B. Roll No..

NETWORK SECURITY
6th Exam/Comp/IT/6210/May,2015

Duration: 3hrs   **MM. 75**

Q.1. Fill in the blanks   **SECTION-A**   **1.5x10=15**

i.   DNS stands for _____

ii.   RSA stands for _____

iii. RAID stands for _____

iv.   DES stands for _____

v.   PGP stands for _____

vi.   A hacker who manually attempts to hack is called _____

vii. SSL stands for _____

viii. MD5 stands for _____

ix.   VPN stands for _____

x.   NIDS stands for _____

SECTION-B

Q2. NOTE: Attempt any five questions   **6x5 = 30**

i.   Define virus. Explain the types of virus.

ii.   Explain the term information leakage.

iii. What is firewall? Explain its types.

iv.   Define VPN. Explain its working and types.

v.   What are attackers and hackers? What is the difference between them and which one is more harmful?

vi.   What is vulnerability? Explain Linux vulnerability in brief.

vii. Briefly explain server disaster and recovery.

SECTION-C

NOTE: Attempt any three questions   **10x3=30**

Q3.   What is IDS? Explain types of IDS in detail.

Q4.   Write a short note on
       (i) IPSEC (ii) Proxy Server (iii) Digital Signature.

Q5.   What is cryptography? Explain various algorithms used for it. Differentiate between symmetric and asymmetric algorithm.

Q6.   How do I protect computer on the internet?

Q7.   What is disaster? Explain various types of disaster. How to prevent them?