

AQ – 1046

**Third Semester M. Sc. (Part-II) (CBCS Pattern)
Examination**

COMPUTER SOFTWARE

Paper – XII

(Network Security)

P. Pages : 3

Time : Three Hours]

[Max. Marks : 80

Note : (1) All questions are compulsory.
(2) Use suitable data wherever necessary.

1. (A) State and Explain the need of Network Security. 8

(B) Explain :—

(i) Active attack.

(ii) Passive attack. 8

OR

2. (A) What is RFC ? Explain. 8

(B) Explain :—

(i) X.800.

(ii) Authentication. 8

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3. (A) What is Encryption ? Explain principles of Encryption. 8
(B) What is digital signature ? Explain. 8

OR

4. (A) What is email security ? Explain. 8
(B) What are the applications used for network security ? Explain. 8
5. (A) What is IP security ? Explain. 8
(B) How security is implemented on Web ? Explain. 8

OR

6. (A) What are secured Electronic transactions ? Explain. 8
(B) Explain :—
(i) IP Packet.
(ii) IP Address. 8
7. (A) What is Network Management ? Explain. 8
(B) State and Explain user Security Model. 8

OR

8. (A) Describe view based Access Control Model. 8
(B) What is SNMP Agent ? Explain. 8
9. (A) What is Intrusion ? Explain. 8
(B) What is fire wall ? State and Explain different services provided by firewall. 8

OR

10. (A) What is IDS ? Explain. 8
(B) What are the different threats from Viruses ? Explain. 8

