M. Sc. (ECI) (Sem. VIII) (CBCS) Examination

April / May - 2017

Paper - 30 : Advance Computer Concept & Networking

(New Course)

Faculty Code : 003

Subject Code : 027802

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

Instructions :   (1)   All questions carry equal marks.

(2)   Figures on right hand side indicate marks.

1   Answer the following : (any **seven**)   **14**

(1)   List the types of Network topology.

(2)   What is LAN? Describe in brief.

(3)   List the advantages of network.

(4)   How much control do you want over the network?

(5)   List the type of hardware and software that is best for networking.

(6)   Briefly describe the types of server.

(7)   What is an intranet?

(8)   What is meaning of TCP/IP, IPX and Net BEUI?

(9)   What is internet protocol?

(10) What is a router?

2   Answer the following : (any **two**)   **14**

(1)   List the difference between client/server and   **7**
workgroup network,

(2)   Write a note on Server network requirement.   **7**

(3)   Draw and explain a simple client/server network   **7**
using traditional cabling.

3 Answer the following,   14

(1) Describe a network operating system and   7
client/server operating system.

(2) Draw and explain a star topology network.   7

OR

3 Answer the following :   14

(1) Write a note on Client network requirement.   5

(2) Describe the limits of workgroup networking.   5

(3) Write an Advantages of LAN network.   4

4 Answer the following :   14

(1) What is Ring topology? Draw and Explain it.   7

(2) List the Disadvantages of workgroup network   7
compared to client/server network.

5 Answer the following : (any **two**)   14

(1) Explain the Bus topology and technology.   7

(2) What are the rules you should follow as you   7
install the network cable ?

(3) Draw and Explain workgroup network using   7
traditional cabling.

(4) List the advantages and disadvantages of wireless   7
network technology.

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