

V.P. & R.P.T.P. SCIENCE COLLEGE

T.Y.B.Sc EXAMINATION

SEMESTER – V

US05CCSC04: Computer Networks

Date: 04/10/2016

Time: 11:00am to 12:30pm

Marks: 25

Q1 Multiple choice of Question:

[3]

1) If a computer on the network shares resources for others to use, it is called

- (a) Client (b) Server
(c) Mainframe (d) Router

2) Which of the following is not a guided medium?

- (a) Twisted-pair cable (b) Coaxial cable
(c) Fiber-optic cable (d) Atmosphere

3) A Bluetooth network can have _____ master(s).

- (a) One (b) Two (c) Three (d) Eight



Q2 Answer the following in short (Any 2):

[4]

1) Difference between broadcasting and multi casting.

2) Explain serial transmission in brief.

3) Write the full form of followings

- 1) DNS 2) HTTP 3) FTP 4) SMTP

Q3 Define computer network. State the advantages and disadvantages.

[6]

OR

Q3 Explain Wide Area Network.

[6]

Q4 Explain fiber optic in detail.

[6]

OR

Q4 Explain any one type of twisted pair cable.

[6]

Q5 List and explain design issues for layers.

[6]

OR

Q5 Explain OSI reference model in detail.

[6]