

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

T.Y.B.Sc. (SEMESTER – V)

INTERNAL TEST: OCT-2017

US05CCSC04: Computer Networks

DATE: 06/10/2017

TIME: 11:00am to 12:30pm

MARKS: 25

Q.1 Multiple Choice Question

[03]

1. Broadcasting means

- a. Sending message to some computer
- b. Sending message to all computer in the same network
- c. Receiving message from all computer in the network
- d. Receiving message from some computer in the network

2. Which of the following physical connection is the fastest?

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

3. Which layer is not present in OSI Model?

- [A] Internet Layer
- [C] Physical Layer

- [B] Transport Layer
- [D] Application Layer



Q.2 Answer the following in short (Any two)

[04]

- 1. What is MAN?
- 2. Differentiate between single-mode fiber and multi-mode fiber.
- 3. Write the full form of (i) DNS (ii) FTP.

Q.3 What is LAN? List the characteristics of LAN.

[06]

OR

Q.3 Discuss the importance of computer networking.

[06]

Q.4 What is switching? Explain packet switching in detail.

[06]

OR

Q.4 Discuss in detail fiber optics transmission media and its advantages.

[06]

Q.5 Write detail note on OSI reference model.

[06]

OR

Q.5 Write notes on communication satellite.

[06]