

Roll No.....

Total No. of Printed Pages: [1]

Total No. of Questions: [09]

Business Administration (BBA-MBA Integrated) (Semester – 5th)

COMPUTER NETWORKS

Subject Code: BCSEO1010

Paper ID: [18OE390116]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. What is transmission media? Give example.
- b. Outline the use of cyclic redundancy check.
- c. Write a note on WWW.
- d. Define the types of Networks.
- e. What is the significance of TCP protocol?
- f. What is the network address?
- g. What do you mean by congestion control?
- h. Define the term bandwidth and latency.
- i. Discuss about ethernet cabling.
- j. Describe flow control and buffering in transport layer.

Section – B

(5 marks each)

Q2. Explain the following error detection techniques.

- I) LRC II) CRC

Q3. Write about electronics mail in detail.

Q4. Explain the significance of switching? What are different switching techniques used in computer networks? Discuss.

Q5. Discuss about TCP & UDP protocols.

Q6. Explain the difference between connections oriented communication and connection less communication.

Section – C

(10 marks each)

Q7. Elaborate the OSI model with neat and clean sketch.

Q8. What is IP Address? Enlist different IP Address classes. Also compare IPv4 & IPv6

Q9. Compare multicasting and multiple unicasting. Discuss multicast distance vector routing.