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Roll No. :

576361(76) / 676561(76)

M. B. A. (Third Semester) Examination,

Nov.-Dec. 2020

(New Scheme)

(Management Branch)

(Specialization : System Management)

COMPUTER NETWORKING (New)

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 32

Note : Answer any two parts from each question.

All question carry equal marks.

1. (a) What is Computer Network? Discuss the different layers of OSI Reference Model. 8

- (b) What is Multiplexing? Explain the Time Division Multiplexing. 8
- (c) What is transmission media? Write in brief any two guided and two unguided media. 8
2. (a) What is E-mail? Discuss the protocol used in E-mail to send messages. 8
- (b) What is ISDN? Explain the layers and frame format of ISDN. 8
- (c) Write short notes on EDI and FTP. 8
3. (a) What is Protocol? Explain the sliding window protocols. 8
- (b) What do you understand by congestion in computer network? Explain the leaky-bucket algorithm. 8
- (c) What is Routing? Explain any shortest path routing algorithm. 8
4. (a) What is Bridge? Explain, how to connect two LAN using bridge. 8
- (b) What is IP? Discuss the different fields of IPV4. 8

- (c) What is LAN? Explain the VLAN with an example. 8
5. (a) What is enterprise network? Give any example to develop an enterprise network. 8
- (b) What is Telnet? How to connect remote computer using Telnet. 8
- (c) Write short notes : 8
- (i) Network Monitoring
- (ii) Network Security