

SEAT No. \_\_\_\_\_

[7]A5

TOTAL NO OF PRINTED PAGES : 01

SARDAR PATEL UNIVERSITY  
BBA ITM SEM : IV (4 YEAR) EXAMINATION 2018  
UM04CBB106 COMPUTER NETWORK

DATE : 20/04/2018

TIME : 10.00 A.M TO 12.00 P.M

TOTAL MARKS : 60

- Q.1 [A] Define the term Computer Network and explain the advantages and dis-advantages of computer network. [08]  
[B] Write a note on LAN Components. [07]
- OR
- Q.1 [A] Explain Network Layer and Transport Layer of OSI model. [08]  
[B] Explain LAN in detail. [07]
- Q.2 [A] Discuss Coaxial Cabling in brief. [08]  
[B] Write a note on : Repeater [07]
- OR
- Q.2 [A] Explain the concept of Fiber Cable in detail. [08]  
[B] Write a note on : Switches [07]
- Q.3 [A] Discuss Serial Transmission in detail. [08]  
[B] Explain Transmission Modes in detail. [07]
- OR
- Q.3 [A] Discuss Digital Transmission v/s Analog Transmission [08]  
[B] Define the term Protocol and also discuss Need of Protocol in detail. [07]
- Q.4 [A] Explain Star topology and Mesh Topology with its advantages and dis- advantages in detail. [08]  
[B] Explain Transmission Impairment in brief. [07]
- OR
- Q.4 [A] Explain Ring topology and Bus Topology with its advantages and dis-advantages in detail. [08]  
[B] Explain the concept of CSMA/CA in detail. [07]

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