SC

(6 & A-3)   SEAT No.____

No. of Printed Pages: 01

SARDAR PATEL UNIVERSITY

T.Y BBA(ISM) SEM –VI

Subject: Data Communication and Computer Network-II

UM06CBBS02

Date: 31/03/2018, Saturday   Marks: 60

Time: 10:00 A.M To 12:00 P.M.

1. Figures to the right hand side of the question indicate their marks:
2. Draw figure whenever require.

Q.1[A]   Write a short note on Ring Management   [08]

   [B]   Explain the Token Passing.   [07]

OR

Q.1[A]   Define LAN. Explain MAC SUBLAYER.   [08]
   [B]   Explain any two Categories of 10 Mbps Implementation.   [07]

Q.2[A]   Explain the Frame Format of LANE Operation.   [08]
   [B]   Write a short note on Wireless Transmission Architecture.   [07]

OR

Q.2[A]   Differentiate between Pure ATM Architecture and Legacy LAN Architecture   [08]
          with example.
   [B]   Write a short note on LANE Operation.   [07]

Q.3[A]   Find the Class, Netid and Hostid for each IP address.   [08]
          1) 4.23.145.90
          2) 227.34.78.7
          3) 198.76.9.23
          4) 129.6.8.4
   [B]   Write a short note Subnetting   [07]

OR

Q.3   Explain the Following Protocol of Network Layer.   [15]
          1) Address Resolution Protocol (ARP).
          2) Internet Group Message Protocol (IGMP).
          3) Internet Control Message Protocol. (ICMP).

Q.4   Explain the Conventional Methods of Data Encryption.   [15]

OR

Q.4   Write a short note IPv6 and ICMP v6.   [15]