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SARDAR PATEL UNIVERSITY
BBA (ISM) VIth Semester Examination (Regular)
Wednesday, Date 8/4/2015
Time 10.30 am to 12.30 pm
Data Communication And Computer Network-II(UM06CBBS02)

Total Marks: 60

- Q. 1 (A) Write a short note on Implementation for 10 Mbps Ethernet. (8)
- (B) Explain MAC Frame Format. (7)
- OR
- Q. 1 (A) Explain Distribution Co-ordination Function(DCF) for MAC layer. (8)
- (B) Write a short note on Ring Management. (7)
- Q. 2 (A) What is Wireless LAN? Explain Radio Frequency and Infrared. (8)
- (B) Write a short note on ATM LAN. (7)
- OR
- Q. 2 (A) Explain Following: (8)
1. Basic Service Set (BSS)
 2. Extended Service Set (ESS)
- (B) Explain LANE Operation with their steps. (7)
- Q. 3 (A) What is TCP/IP? Draw a TCP/IP protocol format. Explain ARP and ICMP. (8)
- (B) Write a short note on IP Addressing Scheme. (7)
- OR
- Q. 3 (A) Find the Netid, Class and Hostid for following IP Address. (8)
1. 4.23.145.90
 2. 227.34.78.7
 3. 246.7.3.8
 4. 129.6.8.4
- (B) What is Subnetting? Explain with an example. (7)
- Q. 4 (A) What is Data Encryption? Explain DES. (8)
- (B) Write a short note on IPV6. (7)
- OR
- Q. 4 (A) Explain HTTP and SMTP. (8)
- (B) write a short note on Character level Encryption. (7)

*****BEST LUCK*****