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SARDAR PATEL UNIVERSITY
F.Y.B.B.A. (ITM) (3 Years) IInd SEMESTER (CBCS) EXAMINATION (NC)
2016

Monday, 17th October
2.00 p.m. to 4.00 p.m.

UM02EBBI06 - Networking Technologies

Total Marks : 60

Note: 1. All the questions are compulsory. 2. Figures to the right indicate marks.
3. Start a new question from a new page.

Q.1

- a. Differentiate between Multi-user systems and LAN [07]
b. What is Networking? State the Advantages and Disadvantages of Networking. [08]
OR

Q.1

- a. Write a note on LAN and WAN networks. Also state their characteristics. [07]
b. Write a brief note on Layers of OSI model. [08]

Q.2

- a. What is Switching? Explain Packet and Message switching in brief. [07]
b. Explain Time Division Multiplexing with a proper diagram. [08]
OR

Q.2

- a. What is Shift keying? Explain PSK. Also explain 180° PSK method with proper diagram. [07]
b. What is Multiplexing? Explain FDM with a proper diagram. [08]

Q.3

- a. What is Protocol? State and explain the Needs of Protocol. [07]
b. Write a brief note on SNMP Protocol with its Model. [08]
OR

Q.3

- a. Explain the HDLC Protocol along with its Frame format. [07]
b. Write a note on types of Ethernet. [08]

Q.4

- a. Write a note on IPv4. Give the header diagram and explain its format. [15]
OR

Q.4

- a. Write a note on TCP. Give the header diagram and explain its format. [15]

***** ALL THE BEST*****

— X —
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