B.E. VI Semester Examination
B.E.-VI/6(A)
213654
COMP. ENGG.
Course No. - COM-604
(Multimedia)

Time Allowed-3 Hours   *Maximum Marks-100*

Section - A

1. a) Define Multimedia? What makes multimedia so important in modern world?   **(10)**

    b) Explain in detail about Multimedia information representation?   **(10)**

2. a) Define Compression? What is the significance of data compression in communication technology?   **(10)**

    b) Discuss any one method for audio compression? Justify your answer.   **(10)**

3. What do you mean by Multimedia Networks? Explain various multimedia networks with suitable diagrams?   **(20)**

4. a) Describe various Multimedia communications standards related to interpersonal communication?   **(10)**

    b) Describe various communication modes in detail?   **(10)**

Section - B

5. What is ATM Network? Discuss its header format? Explain the protocol architecture of ATM Network? Write their advantages and disadvantages?   **(20)**

6. a) Define Quality of Service (QoS)? Differentiate Network QoS and Application QoS?   **(10)**

    b) Discuss the principle functionality of ADSL & VDSL?

    (10)

7. a) Explain in detail about Multimedia Databases?   **(10)**

    b) Compare and contrast Interactive & Non Interactive Multimedia?   **(10)**

8. Write short notes about following: **(5×4)**

    i) Multimedia Authoring Tool

    ii) Modem

    iii) TCP/IP

    iv) IP-TV

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