DFI1352

2487

Computer Communication Networks
(New) (1240)

P. Pages : 2

Time : Three Hours

Max. Marks : 100

Instructions to Candidates :
1. Do not write anything on question paper except Seat No.
2. Answersheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Solve **any two** subquestions from each unit.
5. Figures to the right indicates full marks.
6. Assume suitable data if necessary.
7. Draw diagrams wherever necessary.

UNIT - I

1. a) Draw & explain ATM reference model.   10

   b) Enlist & explain different types of transmission media.   10

   c) Draw & explain TCP/IP model.   10

UNIT - II

2. a) Write a short note on stop & wait protocol.   10

   b) Explain the concept of 'Token passing bus' protocol.   10

   c) Draw & explain 802.5 std MAC frame.   10

UNIT - III

3. a) Explain in detail 'Broadcast Routing'.   10

   b) How routing is performed in adhoc network. Explain the packet format for route request in adhoc networks.   10

   c) Explain in detail flooding & chock packets.   10

UNIT - IV

4. a) Write a short note on reverse address resolution protocol.   **10**

    b) Write a short note on routing & tunneling.   **10**

    c) Compair IPV_4 & IPV_6.   **10**

UNIT - V

5. a) Write a short note on E-mail.   **10**

    b) Draw the UDP header format & explain the function of each field.   **10**

    c) Write a short note on Domain Name system.   **10**

****