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B. E. (Eighth Semester) Examination, April-May 2019

(New Scheme)

(CSE Engg. Branch)

INTERNET and MULTIMEDIA TECHNOLOGY

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : *Question (a) of each section is compulsory. Attempt any two part from questions (b), (c) and (d).*

Unit-I

1. (a) What is IP datagram?

   (b) Explain Transmission Control Protocol.

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   (c) Write down the different functionality of ARP and RARP.

   (d) Differentiate ICMP and IGMP.

Unit-II

2. (a) What is Integrated Services digital Network?   2

   (b) Explain various services of Network layer in detail.   7

   (c) Write short notes on : http://www.csvtuonline.com 7

      (i) ATM

      (ii) B-ISDN

   (d) Explain working of data link layers and physical layers 7

Unit-III

3. (a) What is IPv6?   2

   (b) Explain working of MACAW Protocol.   7

   (c) Explain packet switched data services in detail.   7

   (d) Explain LMDS.   7

Unit-IV

4. (a) Explain concept of Non-temporal media.   2

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(b) Differentiate Hypertext and Hypermedia. 7

(c) Explain MP3 compression scheme. 7

(d) Explain technique for JPEG compression. 7

Unit-V

5. (a) Write any two characteristics of MMX instruction set. 2

(b) Explain IEEE 1394 interface. 7

(c) Discuss various I/O device management scheme. 7

(d) Explain Image and Video Retrieval techniques. 7