Total No. of printed pages = 3

2015

INTERNET AND WORLD WIDE WEB

Paper : 306

(E-Comm)

Full Marks – 80

Time – Three hours

The figures in the margin indicate full marks
for the questions.

1. Answer the following questions :   1×5=5

   (i) Who owns the internet ?

   (ii) Write the full form of ARPANET.

   (iii) What is DNS ?

   (iv) What is CSMA/CD ?

   (v) What is RARP ?

2. Answer the following questions in brief :
   2×5=10

   (i) State different types of E-mail protocols.

   (ii) What is TELNET ?

   (iii) Define client and server.

   (iv) What is HTTPS ?

   (v) List the contents of the header field of an e-mail as per RFC 822.

3. Answer the following :
   5×5=25

   (i) Differentiate between IPv4 and IPv6.

   (ii) Describe the basic client server architecture.

   (iii) Explain the ATM network architecture.

   (iv) Explain the usefulness of FTP with some important FTP commands.

   (v) Explain the term MIME.

4. Answer the following (any two) :
   10×2=20

   (i) Explain about the different network devices at different network layers that are essential to establish a wide area computer network.

   (ii) Explain about the contribution of computer and computer networks in diverse area of current day business and social life.

   (iii) Explain briefly about all the layers of TCP/IP.

5. Write short notes on (any four) :
   5×4=20

   (i) Smiley

   (ii) Terminal Emulation

   (iii) Web browser

   (iv) URL

   (v) Growth of web and web content

   (vi) Static and dynamic web pages.