Total No. of printed pages = 4

INTERNET AND WEB TECHNOLOGY

Full Marks – 70

Pass Marks – 28

Time – Three hours

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

1. (a) State true or false :   5×1=5

(i) Internet works on packet switching.

(ii) TCP is unreliable.

(iii) SMTP is associated with e-mail.

(iv) The proxy service hides the internet host and service.

(v) HTML does not allow a web page to include an image.

[Turn over

(b) Fill up the blanks :   5×1=5

(i) .... is a non-linear text.

(ii) .... was the first widely available graphical browser.

(iii) Buying and selling through internet is called ....

(iv) ASP uses .... for execution.

(v) Applets are written in .... language.

2. (a) List four internet service provider in India.   2

(b) What are the factors for choosing an ISP ?   3

(c) Write the properties of reliable delivery service.   5

3. (a) How TCP provides reliability in transmission of packet ?   5

(b) Differentiate between TCP and UDP.   3

(c) Define subnetting.   2

4. (a) Give a brief procedure of delivering e-mail on the internet. Also write the different headers specified in MIME. 3+2=5

   (b) Give an overview of SMTP. Discuss its drawbacks. 3

   (c) What is the main purpose of Telnet ? What model does Telnet follow ? 2

5. (a) Define EDI. What are the different types of electronic payment system ? Explain any one of them in brief. 2+2+3=7

   (b) What are the different types of E-Commerce? Give one example of each. 3

6. (a) What is asymmetric crypto-system ? What are the benefits of firewall ? 1+3=4

   (b) Write the characteristics of E-Commerce. 3

   (c) What are the internet security threats ? 3

7. (a) What are the attributes associated with table tag in HTML ? 3

(b) Write short notes on any *one*. 3

    (i) CGI

    (ii) Active X

    (iii) Search Engine.

(c) Give a concept of ASP. What are the benefits of ASP ? 2+2=4