

Total No. of Printed Pages—4

5 SEM TDC IWWW 4 (Sp)

2 0 1 3

(November)

COMMERCE

(**Speciality**)

Course : 504

(**Internet and World Wide Web**)

Full Marks : 80

Pass Marks : 32

Time : 3 hours

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

1. (a) Write the full form of the following : $1 \times 4 = 4$

(i) WWW

(ii) URL

(iii) ISDN

(iv) ARPANET

(b) Fill in the blanks :

$1 \times 4 = 4$

(i) — converts digital signals into analog signals for transmitting data over telephone lines.

- (ii) Device used for connecting different kinds of networks is known as —.
- (iii) A tool that helps us to surf the internet is known as —.
- (iv) — is an internet program that allows a user to log on to a remote computer.

2. (a) Distinguish among Internet, Intranet and Extranet. 4
- (b) Explain the role of an Internet Service Provider. 4
- (c) Write briefly on cryptography. 4
- (d) Write briefly on Client-Server architecture. 4
3. (a) Discuss the functions of the different layers of the OSI reference model. 11

Or

- (b) What is meant by protocol? Discuss about the different protocols used in internet. 2+9=11
4. (a) Differentiate between Web Authoring and Web Publishing. What are the points that must be taken into consideration while designing a website? Discuss. 2+9=11

(3)

Or

(b) Describe briefly the different lists supported by HTML. 11

5. (a) What are the various security threats the computer organisations are facing today and why providing security is necessary? Discuss. 11

Or

(b) Explain the various security management methods. 11

6. (a) Define web browser. State the basic features of a web browser. Explain the various buttons that are found in a web browser toolbar. 2+5+5=12

Or

(b) What is a search engine? What role does a search engine play in internet? Discuss the different methods of searching text with search engine. 2+2+8=12

7. Answer (a) and (b) or (c) and (d) :

(a) Write the HTML tag with appropriate attributes for developing a page with background colour blue, text red and subtext in form of both ordered and unordered lists. 6

- (b) Which tag of HTML is used to draw a horizontal line? Write the different attributes used with this tag. $2+3=5$

Or

- (c) What is the default alignment of headings in HTML? Write the different tags with attributes to change the alignment of headings. $1+4=5$
- (d) Explain the various physical and logical text level HTML elements with proper syntax. 6
