III / BCO (xiii) (d)

2 0 1 2

COMMERCE

(Honours)

Paper : BC–3.44

(Internet and World Wide Web)

Full Marks : 70
Pass Marks : 21

Time : 3 hours

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

Answer Question No. **1** and *any* **five** from the rest

1. Write notes on any *five* of the following :

4×5=20

(a) Network Layer

(b) FTP

(c) Web Search Engine

(d) CSS

(e) Document Structure of HTML

(f) Usenet

(g) TCP/IP

(*Turn Over*)

2. Define the term 'protocol'. Explain in detail one interact protocol responsible for transferring and displaying Web pages. 2+8=10

3. Explain the motives behind the development of XHTML and how it is different from HTML. Also explain the rules to follow for writing proper XHTML. 4+6=10

4. Give five ways that a site owner can use to gather user's/visitor's information using website. Explain integrity and non-repudiation. 5+5=10

5. (a) What are the elements in HTML document that are useful to web search engine? 4

   (b) Explain in detail about the working of search engine. 6

6. Explain the difference between Distributed computing and Client-server computing. Write down the advantages and disadvantages of both of these two types of computing. 3+7=10

7. Define the term 'computer and network security'. Explain the different objectives of payment security. 2+8=10

8. Write notes on the following : 5+5=10
   (a) Computer virus
   (b) Hacking

★ ★ ★