

**III/BCO (xiii) (d)**

**2011**

**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) Client-server computing
- (b) Internet Relay Chat (IRC)
- (c) URL
- (d) CSS

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( Turn Over )

( 2 )

(e) Virus protection

(f) Biometrics

(g) html editor

2. What do you mean by the term 'OSI reference model'? Explain the function of each of the seven layers in OSIRM. 3+7=10
3. Define the term 'protocol' and 'protocol stack'. Explain with a neat diagram TCP/IP protocol suite. 4+6=10
4. Discuss the process involved in producing a new W3C standard or recommendation. 10
5. What do you mean by the term 'HTML'? Explain the document structure of html and the different elements used in html document. 1+9=10
6. Why do we need search engine? Explain in detail about the general feature of search engine and the guidelines for effective searching. 2+8=10
7. What is meant by 'digital certificate'? Explain how it is different from digital signature and also how one can get and send digitally-signed information over the network. 2+8=10

( 3 )

8. Differentiate the following : 2×5=10

- (a) Browsing and Searching
- (b) Browsing and Information retrieval
- (c) HTML and XHTML
- (d) Web browser and Search engine
- (e) SSL and Encryption

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