

### III/BCO (xiii) (d)

2010

COMMERCE.

( Honours )

Paper : BC-3.44

( Internet and World Wide Web )

( Theory )

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) Distributed Computing
- (b) Server Security
- (c) Search Engines
- (d) Firewall
- (e) Hypertext Mark up Language
- (f) Hacking
- (g) Internet Protocol
- (h) Hyperlink

2. Discuss the evolution of web browsers. Elucidate the basic functions found in the web browsers that are used today.  $5+5=10$
3. Write what you know about the PINA factor and its uses in network management. 10
4. Describe the history of the World Wide Web Consortium (W3C). What are the main components of a web architecture?  $5+5=10$
5. What is meant by 'electronic mail'? Describe various processes involved in sending and receiving an e-mail.  $3+7=10$
6. Write what you know about the term 'Domain Name System'. How has it changed the addressing system of websites?  $5+5=10$
7. What are different systems used for maintaining a secure network? Discuss the importance of network security.  $6+4=10$
8. What are encryption and decryption? Describe different encryption technologies commonly used.  $4+6=10$
9. Discuss any five Internet Enabled Services that is found in the present internet system.  $2+2+2+2+2=10$

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