

2016
MCA
MCA 4.4

WEB TECHNOLOGY

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. Answer the following questions: 1×5=5
- a. . What is Datagram?
 - b. What do you mean by DNS?
 - c. What is SSL?
 - d. What is Firewall?
 - e. What is Email?
2. What are Active Open and Passive Open Connections? 2

Or

Difference between TCP and UDP.

3. Difference between IPv4 and IPv6. 3

Or

Why IP is unreliable and connectionless?

4. What is CSS? Discuss its different types. 4

5. Discuss the features of TCP. 5
6. How does web server work? 5

Or

How SMTP works? Discuss the three different phases of it.

7. Draw the architecture of Web Browser. 5
8. What is web page? Discuss the different types of web pages.
1+4=5
9. Draw the structure of TCP segment format. Explain the
different fields. 6
10. Explain different types of Firewall. 1+5=6
11. Discuss the OSI Model. 7
12. Give the different features of Email. Discuss the Architecture of
Email. 1+2+4=7
13. How SSL works? 7

Or

Discuss the seven layers of Web Security.

- 14 Write short notes on (any two) 4×2=8
a. Sniffing and Spoofing
b. Phishing and Pharming
c. Middleware,
d. RPC
