

MCA-04

MCA Examination June, 2015

**Fundamentals of Networking and Web
Technology****MCA-04***Time : Three Hours]**[Max. Marks : 80*

Note: The Question paper is divided into three sections A, B and C. Write Answers as per given instructions.

Section-A

(Very Short Answer Questions)

(Marks: 8x2=16)

Note : Answer all question. As per the nature of the question delimit answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks.

1. (i) What is the full form of FDDI?
- (ii) What is the IEEE standard for Wireless LAN?
- (iii) Define client side scripting language.

(1)

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- (iv) Name any three search engines.
- (v) What is CCS?
- (vi) Which tag is used to create hyperlink?
- (vii) What is the use of alert () method in Java Script?
- (viii) What is the use of Web Server?

Section-B

(Short Answer Questions)

(Marks: 4x8=32)

- Note :** Answer any four question. Each Answer should not exceed 200 words. Each question carries 8 marks.
2. Explain three major classes of guided media in detail.
 3. What is the advantages of token passing protocol over CSMA/CD protocol?
 4. What are the various modes of transmission? Explain in brief.
 5. Why cookies are used in web?

(2)

6. Write short notes on:
 - (a) Repeater
 - (b) Modem
7. What is IP-address? Explain the various classes of IP-address.
8. What is an array in Java Script? Explain in detail.
9. Discuss satellite communication in brief.

Section-C

(Long Answer Questions)

(Marks: 2x16=32)

- Note :** Answer any two question. You have to delimit your each answer maximum upto 500 words. Each question carries 16 marks.
10. Explain the working of TCP/IP layers. How TCP/IP model ios differ than OSI model.
 11. What is HTML? Discuss various formatting tags with its attribute.
 12. What is DTD? Explain its types in detail with example.
 13. What do you mean by network topology? Discuss briefly each type of network topology.

(3)