

- (b) Goals of XML
 - (c) Transforming XML Documents.
 - (d) Displaying XML documents in Browsers.
9. (a) What is Cascading Style Sheets ? Explain Inline, Internal and External CSS in detail. 8
- (b) Explain the relation between XML, HTML and SGML in detail. 8

Roll No.

67009

MCA 1st Semester (Current)
CBCS Scheme w. e. f. 2016-17
Examination – December, 2018

INTERNET AND WEB DESIGNING

Paper : 16MCA-31C4

Time : Three Hours] [Maximum Marks : 80

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions in all, selecting *one* question from each Unit. Question No. 1 is *compulsory*. All questions carry equal marks.

1. (a) What is the use of Network Topologies ?
- (b) What is XHTML ?
- (c) Explain the concept of E-mail Links in HTML.
- (d) Describe the role of XML Namespaces.
- (e) Explain marquee tag.

- (f) What is DTD ?
(g) Explain Web browser and its functions.
(h) What is Streamline Browsing ? $2 \times 8 = 16$

UNIT – I

2. (a) What is Internet ? Explain some basic internet protocols in detail. Also differentiate Internet and intranet in detail. 8
(b) Explain the categories and characteristics of Web Applications in detail. 8
3. (a) What is E-Mail ? How we can fight with Spam mail and avoid E-Mail viruses ? Also explain the concept of sorting and searching mails in detail. 8
(b) What are Computer Networks ? Explain its types in detail. 8

UNIT – II

4. (a) What do you mean by Web Security ? Explain the concept of privacy and Site-Blocking in detail. 8
(b) Explain the concept of URL and DNS working in detail. 8

5. (a) What do you mean by Conferencing ? Explain the concept of Voice and Video Conferencing in detail. 8
(b) Explain the concept of Reading Usenet News groups and Internet relay chat in detail. 8

UNIT – III

6. (a) What do you mean by Web Pages ? Explain the concept of External linking and Internal linking through suitable example in detail. 8
(b) What do you mean by Frames ? How do you create frames in HTML ? Explain the advantages and disadvantages of Frames in detail. 8
7. (a) How do you create a Table in HTML ? How do you insert data in a Table in HTML ? Explain with suitable example. Also explain the concept of advanced layout with tables in detail. 8
(b) What is HTML ? What are different list tags available in HTML ? Explain with suitable example. 8

UNIT – IV

8. Explain the following : $4 \times 4 = 16$
(a) Structure and Syntax of XML