

MCA 1st Semester (Current) CBCS Scheme

w.e.f. 2016-17 Examination, Nov/Dec.-2019

INTERNET AND WEB DESIGNING

Paper-16MCA-31C4

Time allowed : 3 hours]

[Maximum marks : 80

Note : Attempt five questions in all. Attempt at least one question from each unit. Question No. 1 is compulsory. All questions carry equal marks.

1. (a) What is XPATH ? Explain.
- (b) What is WWW ? Explain.
- (c) What is HTML ?
- (d) What is Streamline Browsing ?
- (e) Explain the concept of E-mail Links in HTML.
- (f) Describe the role of XML Namespaces.
- (g) What is DTD ?
- (h) What is URL ? Explain. 8×2=16

Unit-I

2. (a) Explain the categories and characteristics of Web Applications in detail. 8
- (b) What is E-Mail ? How we can fight with Spam mail and avoid E-Mail viruses ? Explain in detail. 8

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3. (a) What is Internet ? Explain some basic internet protocols in detail. Also differentiate Internet and Intranet in detail. 8
- (b) What do you mean by 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 following in detail :
- (i) Search engine and categories of search engine
- (ii) Blog and its uses 2×4=8

5. Explain the following in detail : 4×4=16
- (a) Usenet Newsgroups
- (b) Internet relay chat
- (c) DNS working
- (d) Video conferencing

Unit-III

6. (a) What do you mean by Frames? How you create frames in HTML? Explain the advantages and disadvantages of Frames in detail. 8

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- (b) What do you mean by Table in HTML ? How do you create a Table in HTML ? How do you insert data in a Table in HTML? Explain with suitable example in detail. 8
7. (a) What do you mean by web Pages ? Explain the concept of external linking and internal linking through suitable example in detail. 8
- (b) Explain the following in-detail : 2×4=8
- (i) XHTML syntax and Semantics
- (ii) Forms in HTML

Unit-IV

8. What is Cascading Style Sheets ? Discuss the various parts of a CSS rule. Also Explain Inline, Internal and External CSS in detail. 16
9. (a) What is XML ? Explain the Structure and Syntax of XML in detail. Also explain the Goals of XML in detail. 8
- (b) Explain the Relation between XML, HTML and SGML in detail. 8