



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)
उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

MCA 3RD YEAR 6TH SEMESTER ASSIGNMENT

Last Date of Submission: 31May 2016

Course Title: Advanced Web Technology

Course Code: MCA-21

Year: 2015-16

Maximum Marks: 40 Marks

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

1. What is the difference between the Internet and the Web?
2. Compare Client side vs. Server side scripting.
3. What is the purpose of DNS?
4. What is CSS and where is it used?
5. What does the JavaScript `document.write()` method do?
6. What are the various styles in CSS?
7. What is the difference between HTTP and HTTPS?
8. What is XML and what is it used for?

Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answers 02 questions only.

1. (a) Explain the components of DOM in detail.
(b) What is JavaScript and where is it used?
2. Answer the following:
 - (a) Which communication protocol is most commonly used on the internet?
 - (b) How many bits is an IP address for IPv4 addresses?
 - (c) What is subnetting?
3. Explain in detail CSS border and CSS outline.
4. Answer the following:

- (a) Which command is used to create a database in MySQL?
- (b) Which MySQL command is used to insert values in tables?
- (c) Which command is used to list the table contents in MySQL?
- (d) Which Apache module is required for PHP scripts to connect to MySQL?
- (e) How can the methods of a class be used in PHP?

