



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

MCA-16/MCA-17 3RD YEAR 6TH SEMESTER ASSIGNMENT

Session - 2017-18, Summer Last Date of Submission: 31st October 2017

Session - 2017-18, Winter Last Date of Submission: 30th April 2018

Course Title: Advanced Web Technology

Course Code: MCA-21

Maximum Marks: 30/20

Section 'A' contains 08 short answer type questions of 4/2.5 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 a Hyperlink? What is the difference between HTTP and HTTPS?
2. What is the purpose of the "src" attribute in the tag?
3. What is CSS?
4. What is a DOM event?
5. Define the following terms
 - i. XML
 - ii. AJAX
6. Define Scope of Variables in PHP with an example.
7. Which command is used to create a database in MySQL?
8. Give an overview of XML parsers.

Section 'B' contains 04 long answer-type questions of 7/5 marks each. Learners are required to answers 02 questions only.

1. Briefly explain web architecture.
2. What is MVC? Briefly explain MVC Architecture.
3. Explain the following terms
 - i. Domain Name System
 - ii. World Wide Web Consortium (W3C)
4. What is an IP address? Explain TCP/IP.