

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

M.Sc.(IT) (2016 to 2019) (Sem.–2)

WEB TECHNOLOGIES

Subject Code : MSIT-204

M.Code : 72731

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTIONS-A, B, C & D contains TWO questions each carrying TEN marks each and students has to attempt any ONE question from each SECTION.
2. SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.

SECTION-A

1. Define WWW. Discuss the role of web browsers and web servers.
2. Explain the following :
 - (a) Internet Addressing
 - (b) Form and its components

SECTION-B

3. (a) What is JavaScript? How it is different from HTML?
(b) Write and explain a JavaScript program to print first ten elements of the Fibonacci series.
4. Explain the following :
 - (a) Dialog box and their uses
 - (b) Types of operator in JavaScript

SECTION-C

5. Discuss the role of AJAX in web development. Explain how AJAX is different from simple JavaScript. Give examples to support your answer.
6. What are different XMLHttpRequest methods? Explain with example.

SECTION-D

7. What is PHP? How it is different from HTML? Explain different types of operators that are supported in PHP.
8. Explain the following :
 - (a) Structure of PHP program
 - (b) Data types and types of constant supported in PHP

SECTION-E

9. **Write briefly :**
 - (a) List various factors that one must consider while selecting an ISP.
 - (b) What is need of web server? List **any two** web servers.
 - (c) What is use of document object model?
 - (d) List **any four** in built functions used in JavaScript.
 - (e) Define expression.
 - (f) What is significance of the word Asynchronous in AJAX?
 - (g) Write the syntax of switch statement in PHP.
 - (h) What are advantages of user defined functions?
 - (i) What are different types of websites?
 - (j) What is use of AJAX server script?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.