

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

M.Sc.(IT) (2019 Onwards) (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.
3. Use of non-programmable scientific calculator is allowed.

SECTION-A

1. Define HTML. Explain various features of HTML.
2. Explain the following :
 - (a) Role of ISP
 - (b) Tools for creating website

SECTION-B

3. (a) What is significance of JavaScript? Explain.
 - (b) Write a program to find greater number out of three numbers using JavaScript.
4. Define Form. Explain how form is created and validated using JavaScript?

SECTION-C

5. What is use of Ajax? Discuss its features in detail. Give example to support your answer.

6. Write notes on the following :
- (a) Working principle of XMLHttpRequest
 - (b) Significance of HTTP Request

SECTION-D

- 7. What are various characteristics of PHP? Explain how PHP is different from HTML.
- 8. What is Significance of MySQL? Explain how PHP is used to read and write data in MySQL.

SECTION-E

9. **Write briefly :**
- a) Define Operator.
 - b) List various limitations of HTML.
 - c) Define Web Server.
 - d) What is use of CSS?
 - e) Define the role of cookies in websites.
 - f) What is use of dialog box?
 - g) What is meant by JQuery?
 - h) Write a PHP program to print "Hello World".
 - i) What are different types of lists in HTML?
 - j) List the names of any four in-built functions of Java 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.