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Total No. of Pages : 02

Total No. of Questions : 09

M.Sc.(IT) (2015 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.