

(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 2143**

Roll No.

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**MCA**  
**(SEMESTER-V) THEORY EXAMINATION, 2012-13**  
**WEB TECHNOLOGY**

**Time : 3 Hours ]**

**[ Total Marks : 100**

**Note :** Answer **all** Sections.

**Section – A**

1. Attempt **all** parts :

**10 × 2 = 20**

- (a) What is meant by a protocol which governs the web ?
- (b) Define Web and give its applications.
- (c) What do you understand from the term images ?
- (d) State about CSS.
- (e) How will you define the term function in Java Script ?
- (f) Write about VB Script.
- (g) Distinguish between ASP and JSP.
- (h) List out the features of tomcat server.
- (i) Define PHP.
- (j) Narrate the purpose of exception handling.

**Section – B**

2. Attempt any **three** parts :

**3 × 10 = 30**

- (a) Elucidate about the following :
  - (i) Web team
  - (ii) Web project

- (b) Write a CSS rule that changes the colour of all elements containing attributes class = 'green move' to green and shift them down 25 pixels and right by 15 pixels.
- (c) Mention the various objects in JavaScript and explain them.
- (d) How does the data shared between JSP pages ?
- (e) Enlist the various types of operators with an example.

### Section – C

Attempt **all** questions :

**5 × 10 = 50**

3. Attempt any **two** parts :

**(2 × 5 = 10)**

- (a) Write short notes on ASP.NET.
- (b) How will you develop a Java bean in Java Server Pages ?
- (c) Give an overview about COM/DCOM.

4. Attempt any **one** part :

**(1 × 10 = 10)**

- (a) Explain the procedure for creating a website for a corporate world.
- (b) Narrate the various types of protocols and explain them.

5. Attempt any **one** part :

**(1 × 10 = 10)**

- (a) Create a XML file designed to contain information about student performance on a module. Each student has a name, a roll number, a subject mark and an exam mark.
- (b) Give a technical note on DTD.

6. Attempt any **one** part :

(1 × 10 = 10)

- (a) Enumerate the request and response phase in AJAX.
- (b) In a retail shop they sell five different products whose retail prices are as follows :

Product 1 cost is ₹ 200

Product 2 cost is ₹ 150

Product 3 cost is ₹ 300

Product 4 cost is ₹ 320

Product 5 cost is ₹ 400

Write a JAVA Script that reads a series of pairs of numbers as follows :

- 1. Product number
- 2. Quantity sold for one day

The program should use a switch statement to help to determine the retail price for each product and calculate the output that display the total retain value of all the product sold last week. Use a prompt dialog to obtain the product number from the user. Use a sentinel controlled loop to determine when the program should stop looping and display the final result.

7. Attempt any **two** parts :

(2 × 5 = 10)

- (a) Discuss about the file upload in PHP.
  - (b) Brief about switch and explain it with an example.
  - (c) Define array, function and error in PHP.
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