

Paper Code & Roll No. to be filled in your Answer Book

Roll No.

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Odd Semester Examination-2016

MCA (Semester-V)

WEB TECHNOLOGIES

[Time : 3 Hours]

[Maximum Marks :50]

Note: Attempt ALL questions. All questions carry equal marks.

1. Attempt any four parts : [2.5x4=10]

- (a) What are the different protocols governing the web? Explain.
- (b) What is the difference between HTML and DHTML?
- (c) How will you create a form in HTML? Give suitable example.
- (d) What is Java Bean? What is its advantage?
- (e) Explain the various security issues that must be considered to construct a corporate website.

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[P.T.O.]

(f) How will you perform following action in HTML page:

(i) to display list

(ii) to insert a image

2. Attempt **any four** parts : [2.5x4=10]

(a) What is Java Server Pages (JSP)? What is its benefit?

(b) Give the advantages of XML over HTML?

(c) Define document type definition (DTD) in XML with a suitable example.

(d) What is the difference between DOM and SAX?

(e) Write HTML code to create following table:

Student Marks

Student Roll No	Maths		Physics		Chemistry	
	Theory	Practical	Theory	Practical	Theory	Practical
1	25	25	25	25	25	25
2	22	25	22	25	22	25

(f) Give a brief introduction and characteristics of java script?

3. Attempt any four parts : [2.5x4=10]

- (a) What is HTTP Request and Response? How will you perform them?
- (b) How will you create user defined function in a Java Script? Give suitable example.
- (c) What do you understand by implicit JSP objects?
- (d) Give the steps of creating JSP session.
- (e) How will you perform error handling and debugging in JSP?
- (f) Give the brief introduction of struts framework.

4. Attempt any two parts : [5x2=10]

- (a) What is the History of Web? Write the steps to upload your website to a server.
- (b) Give the differences between developing a site for a corporate world and developing a site for individual.
- (c) What are the advantages of Java Bean? How to use an EJB control to ease client development?

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5. Attempt any two parts :

[5x2=10]

- (a) Who is responsible for the generation and hosting of cyber laws? Give some Indian and international cyber laws.
- (b) Write a JSP code block to display all the element of a train table prepared in ORACLE. Use database connectivity. Train table has following fields:
- (i) Train Name
 - (ii) Starting Place
 - (iii) Destination
 - (iv) Arrival and Departure Time
 - (v) Fare
- (c) Explain Interactive and Non-Interactive event handlers in Java Script. Mention some Named JavaScript Event Handlers.

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