



Printed Pages : 3

MCA501

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

PAPER ID : 1435

Roll No.

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M.C.A

**(SEM V) ODD SEMESTER THEORY EXAMINATION 2009-10
WEBTECHNOLOGY**

Time : 3 Hours]

[Total Marks : 100

- Note :**
- (i) Attempt all questions.
 - (ii) All questions carry **equal** marks.

1 Attempt any four parts : 4×5=20

- (a) Why internet is also known as web ? Write down the important phases to web development.
- (b) What do you mean by a protocol ? Name three protocols that govern the web and explain about them.
- (c) Discuss some Indian cyber laws that are different from international cyber laws.
- (d) What is the role of web sites in today's life ?
- (e) Explain the various security issues that must be considered to construct a commercial web site.
- (f) Discuss the various cyber crimes that are possible using the social networking sites.

2 Attempt any four parts : 4×5=20

- (a) Why do we need a web team to design a web site ?
- (b) What are the various communication issues to be considered while designing a web site ?



- (f) Describe following terms :
(i) SSL (ii) Secure DNS.

2. Attempt any four parts :— (5×4=20)

- (a) Discuss the various communication issues involved in Web development strategies.
- (b) What do you mean by test plan ? How do you prepare a successful test plan ?
- (c) Differentiate between load testing and stress testing strategies.
- (d) How technological development affects a speed web development project ?
- (e) What role a client plays in a web project ?
- (f) What do you mean by Quality Assurance in a web development project ?

3. Attempt any two parts :— (10×2=20)

(A) Write HTML code to create the following table :—

Roll No.	Maths		Physics		Chemistry	
	Theory	Practical	Theory	Practical	Theory	Practical
110001	25	25	25	25	25	25

- (B) (i) Name and explain any five elements of HTML form.
- (ii) What do you mean by event ? How event handling is done in Java Script ?

- (C) (i) How are objects used in Java Script ?
- (ii) What is DHTML ? What are its advantages over HTML ?

4. Attempt any **two** parts :— (10×2=20)

- (a) What do you mean by XML ? Discuss various advantages of XML over HTML. What is the structure of XML document ?
- (b) What is parser in XML ? Explain and compare the different parsers used in XML.
- (c) Explain the use of XML on client side with the help of example.

5. Write short notes on any **two** of the following :— (10×2=20)

- (a) CGI
- (b) PERL
- (c) ASP.