

(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 2010-11

**WEB TECHNOLOGY***Time : 3 Hours**Total Marks : 100***Note :—(1) Attempt all questions.****(2) All questions carry equal marks.**

1. Attempt any **four** parts :— **(5×4=20)**
- (a) Define a web project. How does it differ with other software projects ?
- (b) Explain in brief about the following protocols :—
- (i) SMTP
  - (ii) POP
  - (iii) POP3
  - (iv) IMAP
  - (v) FTP.
- (c) Discuss cyber crime in the light of Indian IT Act 2000.
- (d) What skills are required to be a successful Web Project Manager ?
- (e) Discuss the hidden costs involved in a Web project.

(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.