

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

PAPER ID :2143

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) What are the various characteristics of a web project ?
What point should be considered in defining a web project?
- (b) What is virtual management ? How one can manage a virtual team ?
- (c) Explain the concept of URL and IP address. Also describe the various field in IP datagram header.
- (d) What is Domain Name System (DNS) ? Also explain the working of DNS server.
- (e) What do you mean by SMTP and IMAP ?
- (f) Explain the use and working of FTP tool on the internet in brief.

2. Attempt any four parts : (5×4=20)

- (a) Explain the various tags of HTML for table and form with the help of suitable examples.
- (b) Discuss how frames play a big role in advertising on web.
- (c) What is DHTML ? How is DHTML different from HTML ?
- (d) What is XML ? What is the reason behind development of XML ?
- (e) What is Document Type Definition (DTD) in XML ? Illustrate with suitable example.
- (f) What is CSS ? In how many ways it can be applied to a HTML Document ?

3. Attempt any two parts : (10×2=20)

- (a) What is difference between JAVA and JAVA SCRIPT ? How is JAVA strongly associated with Internet ? Why do you think JAVA SCRIPT plays important role in web designing ?
- (b) Explain the various methods and its usage of string object in JAVA SCRIPT. Write a JAVA SCRIPT function to display current date and time using date object.
- (c) What do you mean by an event ? How event handling is done in JAVA SCRIPT ? Write a program to create an applet window completely Black in colour to start with that becomes brighter and brighter as you go on clicking the mouse.

4. Attempt any two parts : **(10×2=20)**
- (a) What is JSP ? What are the advantages of JSP over CGI ?
"JSP provide better performance", prove this statement with suitable example.
 - (b) What is COM/DCOM ? Make the difference table for COM and DCOM. Also describe the importance of COM/DCOM in making commercial web site.
 - (c) What is a JAVA BEAN ? What are the advantages of JAVA BEANS ? Why is it necessary to understand JAR files before developing a BEAN ?
5. Write short notes on any two of the following : **(10×2=20)**
- (a) PHP-ODBC
 - (b) Active Server Page (ASP)
 - (c) Remote Method Invocation (RMI).