

Total No. of Questions : 12]

SEAT No. :

[Total No. of Pages : 2

P595

Dec-2013

[4461] - 42

S.Y. M.C.A. (Engineering) (Semester - IV)

WEB TECHNOLOGY

(2008 Course)

Time : 3 Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) From Section - I answer (Q1 or Q2) and (Q3 or Q4) and (Q5 or Q6).
- 2) From Section - II answer (Q7 or Q8) and (Q9 or Q10) and (Q11 or Q12).
- 3) Answers to the two sections should be written in separate books.
- 4) Neat diagrams must be drawn wherever necessary.
- 5) Figures to the right indicate full marks.
- 6) Make suitable assumptions wherever and relevant.

**SECTION - I**

- Q1) a) State whether the following are true or false : [2]  
i) The IP Address consists of two parts Network number and host number.  
ii) All web servers use port 80 to listen for server response.  
b) Comment on and explain : [6]  
i) Telnet can actually be used to send HTTP commands to a web server.  
ii) To improve the performance of HTTP Byte serving is used in it.  
c) Explain the role of middleware in the web development models. [4]

OR

- Q2) a) Differentiate between Static & Dynamic web sites with a suitable example. [6]  
b) Explain the execution of dynamic web pages stepwise in details with a suitable diagram. [6]

- Q3) a) Design an HTML form to generate an E-book. First the user should be the registered user of that web site. Then check whether the book is free to download. If not then proceed to purchase that book online. [7]  
b) Explain the syntax of a rule in CSS with a suitable example. [4]

OR

- Q4) a) Explain how a web server can be made dynamic? [5]  
b) Explain the concept of classes in CSS with a suitable example. [6]

P.T.O.

- Q5) a) What is the Error object in VBScript? Explain its properties and methods. [4]  
b) Write a program in VBScript for designing a simple calculator. Assume Appropriate data for the design. [8]

OR

- Q6) Compare : [12]  
a) VBScript and JavaScript.  
b) ASP and JSP  
c) For...Next and For..Each..Next statements in VBScript.

### SECTION - II

- Q7) a) What are event and event handlers in DOM /JavaScript? Show what events are associated with mouse and keyboard with examples. [6]  
b) Discuss and compare Client-server communication Ajax technique and normal Client-server communication technique. [6]

OR

- Q8) a) What is JSP? Describe various stages of JSP life cycle. [6]  
b) What is Ajax? Describe Ajax Web Application Model. How it is different from Traditional web application model? [6]

- Q9) a) Describe the Click, focus, Load & submit events with their Attributes & Tags. [6]  
b) Write a program in JSP to print addition and subtraction of a two variables using HTML tags? [5]

OR

- Q10) a) What is .Net Framework? Explain CLR functionality and working in .Net Framework. [6]  
b) What is ASP? What are different objects in ASP? [5]

- Q11) a) What is validation? How many types of validation controls are provided by ASP.NET? [6]  
b) Compare ADO with ADO.NET [6]

OR

- Q12) Write Short Note on : [12]  
a) XMLHttpRequest Object in Ajax.  
b) Global.asa file  
c) ADO.Net  
d) Web.Config file.

