Total No. of Questions : 10]

SEAT No. :

P1356

[Total No. of Pages : 2

[4858] - 1104

T.E. (Information Technology)

WEB ENGINEERING & TECHNOLOGY

(2012 Pattern) (Semester - I)

Time : 2½ Hour]　　　　　　　　　　　　　　　　　　　*[Max. Marks : 70*

Instructions to the candidates:

　　1)　Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8, Q9 or Q10.

　　2)　Neat diagrams must be drawn wherever necessary.

　　3)　Figures to the right side indicate full marks.

　　4)　Assume suitable data if necessary.

Q1) a)　What do you mean by components of generic web application architecture? Explain in brief.　　　　　　**[5]**

　　b)　Explain get(), post(), head(), put() and delete() methods to handle the HTTP actions?　　　　　　　**[5]**

OR

Q2) a)　What do you mean by web browser? What facilities it provides to the user?　　　　　　　　　　　　**[5]**

　　b)　Differentiate between HTTP versus FTP.　　　　**[5]**

Q3) a)　Explain how frames are constructed in HTML document.　**[4]**

　　b)　Difference between : Client side Programming and Server side Programming.　　　　　　　　　　**[6]**

OR

Q4) a)　List various tags in HTML with simple example for a web page.　**[5]**

　　b)　Explain Image Map with example.　　　　　　**[5]**

P.T.O.

Q5) a) Discuss about various control structures used in PHP. Give suitable example for each. **[8]**

b) Briefly explain the basic structure of PHP program with an example. **[8]**

OR

Q6) a) Discuss about string functions used in PHP with a suitable example. **[8]**

b) What are the similarities and differences between fgets() and fread() in PHP? Give suitable example. **[8]**

Q7) a) Explain XML DOM and XML Schema with example. **[8]**

b) What is JSP? Enlist advantages of JSP over CGI? **[8]**

OR

Q8) a) What do you mean by JSP processing? How JSP pages are handled? Explain with an architecture. **[8]**

b) Explain various JSP directives with suitable example. **[8]**

Q9) a) Write a short note on - Drupal. **[9]**

b) What accessibility guidelines should be followed while creating websites for individuals? **[9]**

OR

Q10) a) Write a Short note on - Joomla. **[9]**

b) What is a Content Management System and what is not a Content Management System? Explain in brief with suitable example. **[9]**

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