Total No. of Questions—4] [Total No. of Printed Pages—3

Seat
No.

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T.Y. B.Sc. (Computer Science) (Fourth Semester)
EXAMINATION, 2017
CS-344 : INTERNET PROGRAMMING—II
Paper IV
(2013 PATTERN)

Time : Two Hours **Maximum Marks : 40**

N.B. :— (*i*) *All* questions are compulsory.

(*ii*) Figures to the right indicate full marks.

(*iii*) *All* questions carry equal marks.

1. Answer *All* of the following : [10×1=10]

(*a*) What is the advantage of writing JavaScript in an external file ?

(*b*) Differentiate between CC and BCC field from an e-mail Header.

(*c*) State True/False :

"We can have empty XML tags."

(*d*) What is callback function ?

(*e*) How to get response from XMLHTTP Request object received from server in Ajax ?

(*f*) Which protocol is used to send an e-mail ?

(*g*) Whether root element is required for XML file ? If so, how many root elements are required ?

P.T.O.

    (*h*)   What will be the return value for the following JavaScript statement :

<div align="center">typeof [1, 2, 3, 4] ?</div>

    (*i*)   How to set response header in PHP ?

    (*j*)   How to register a variable into a session ?

2.   Attempt any *two* of the following :   [2×5=10]

    (*a*)   What is sticky forms ? Explain with example.

    (*b*)   Differentiate between synchronous and asynchronous request to the server in Ajax. Explain with example.

    (*c*)   How to send an e-mail in PHP ? Explain with suitable example.

3.   Attempt any *two* of the following :   [2×5=10]

    (*a*)   Write a JavaScript to accept a sentence from user and convert it to an array of words. Also display array element.

    (*b*)   Accept cricket player name from user. Write a program to search player name into cricket.xml file and display details (name, runs, wickets) using Ajax (use DOM functions).

    (*c*)   Write a PHP script using simple.xml functions to read student.xml file and display information of students whose percentage is greater than 70. The student.xml file contains name, class and percentage.

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4. Attempt any *one* (A *or* B) :   [1×10=10]

    (A) (*a*)   Explain the concept of session handling with example. [4]

          (*b*)   Write a JavaScript function to validate user name and password against hardcoded values.   [4]

          (*c*)   What is well formed XML document ?   [2]

<div align="center">*Or*</div>

    (B) (*a*)   What is the scope of variable in JavaScript ?   [4]

          (*b*)   Explain self-processing forms with example.   [4]

          (*c*)   What is an XML schema ?   [2]