

B. N. BANDODKAR COLLEGE OF SCIENCE, THANE
F.Y.B.Sc. (INFORMATION TECHNOLOGY) SEMESTER – II ADDITIONAL EXAMINATION;
JUNE 2015
COURSE CODE– USIT201

Duration: 2½ Hrs

Total

Marks: 75

N.B. 1. All questions are compulsory.

- Q. 1 Answer any two out of following 10**
- a What is internet? State advantages and disadvantages of internet.
 - b Explain following terms -
 - a) Email b) FTP c) DNS d) Internet address e) e-commerce.
 - c Explain different applications of internet with examples
 - d What is video conferencing? Explain two situations where video conferencing will be useful.
- Q. 2 Answer any two out of following 10**
- a Explain following tags with example:-
 - a) <hr> b) <tr> c) <sub> d) <small> e) <p>
 - b Explain how to display frames on webpage using HTML with example.
 - c Explain any three CSS properties with example which we can use with table tag.
 - d Explain following attributes with example:
 - a) cellpadding b) cellspacing c) colspan d) rowspan.
- Q. 3 Answer any two out of following 10**
- a Explain decrement operator in JavaScript? Also explain pre - decrementation and post - decrementation operator with one example of each.
 - b Explain do-while loop and continue statement in JavaScript with example.
 - c Explain when following events occur: -
 - a) onMouseOver b) onMouseMove c) onUnload d) onReset e) onDbClick.
 - d What is a string? Explain properties and methods of String in JavaScript.
- Q. 4 Answer any two out of following 10**
- a What is XML? How XML is different than HTML?
 - b Explain following terms in XML tree structure with example:-
 - a) child element b) siblings c) root element
 - c What are DTD's? What is the use of DTD's? Write syntax and example of DTD.
 - d What are XML Schemas? Explain with example.
- Q. 5 Answer any two out of following 10**
- a How to create and declare variables in PHP? Write all the rules for a variable name in PHP.
 - b Explain following terms with example: -
 - a) Global variable b) Static variable c) Local variable.
 - c What are arrays? Explain indexed array in PHP with example.
 - d Explain following array functions with example:
 - a) array_change_key_case() b) array_combine() c) array_diff() d) rsort()
- Q. 6 Answer any two out of following 10**

- a Explain steps for PHP and MYSQL connectivity.
- b What are regular expressions? Explain with example.
- c Explain following functions with example:-
 - a) setcookie() b) session_start () c) mysql_connect()
- d How can we create table through PHP code? Explain with example.

Q. 7

Answer any three out of following

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- a Create a simple HTML page on Software Development Company. The page must consist of a scrolling marquee displaying an appropriate Message. The page must include a table with at least 5 rows and 3 columns having merged cells at least at 1 place. The page must also display an image, such that when the same is viewed through a browser and the mouse is placed (hovered) on the image, an appropriate text message should be displayed. The image itself should also act as a hyperlink to another page.
- b Design a student admission form in HTML. Include following controls on the form. Text boxes, text area, radio buttons, checkboxes, dropdown list, fieldset.
- c Write a JavaScript code to calculate factorial of a number entered by user.
- d Write a JavaScript code for email id validation.
- e Write a JavaScript code to check whether a number entered by a user is even or odd.
- f Design a webpage to display three frames on it.

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