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Question Paper Code: 55201

B.E. / B.Tech. DEGREE EXAMINATION, APRIL 2019

Fifth Semester

Computer Science Engineering

15UCS501 - INTERNET AND WEB TECHNOLOGY

(Common to Information Technology)

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 1 = 5 Marks)

- Which of these tags are all <table> tags? CO1-R
(a) <table><head><tfoot> (b) <table><tr><td>
(c) <table><tr><tt> (d) <thead><body><tr>
- The _____ tag used is for 2D drawings in HTML5 syntactic features element CO2- U
(a) <audio> (b) <video> (c) <canvas> (d) <footer>
- Which element is used in the <HEAD> section on an HTML / XHTMLpage, if we want to use an external style sheet file to decorate the page ? CO3- R
(a) <src> (b) <link> (c) <style> (d) <css>
- PHP was developed in _____. CO4- R
(a) 1994 by Apache group (b) 1994 by Microsoft group
(c) 1994 by Google group (d) 1994 by web server group
- XML stands for _____. CO5- R
(a) Extensible Markup Language (b) Exclusive Mashup Language
(c) Extended Markup Language (d) None of these

PART – B (5 x 3= 15 Marks)

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|-----|--|----------|
| 6. | Write a HTML program to create unordered list. | CO1-R |
| 7. | Mention the need for cascading style sheets. | CO2- U |
| 8. | Write a Java Script program to find factorial of given number. | CO3- App |
| 9. | How do you declare and initialize an array in PHP? | CO4- U |
| 10. | State the need for AJAX. | CO5-U |

PART – C (5 x 16= 80Marks)

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| 11. | (a) Create a web page for Grocery stores and calculate and display the customer billing details | CO1- U | (16) |
| | Or | | |
| | (b) (i) Explain how tables can be inserted into HTML document with example. | CO1- U | (8) |
| | (ii) What is the significance of using forms on the web page? Enlist various components used on form. | CO1- U | (8) |
| 12. | (a) Design an webpage for Textile showroom using layout and floating elements. | CO2- U | (16) |
| | Or | | |
| | (b) (i) Explain about the basic HTML5 new elements with example. | CO2- U | (8) |
| | (ii) Demonstrate how HTML5 supports graphics. | CO2- U | (8) |
| 13. | (a) (i) Explain the way in which java script handles arrays with example. | CO3- U | (8) |
| | (ii) How to write function using Java Script? Give Example. | CO3- U | (8) |
| | Or | | |
| | (b) Create a web page for string handling functions (any four) using DOM with on click events | CO3- U | (16) |
| 14. | (a) (i) Design a simple calculator using PHP. | CO4- App | (8) |
| | (ii) Design an application to send an email using PHP. | CO4- App | (8) |
| | Or | | |
| | (b) Write a PHP program to create a Email Registration application form to validate all the parameters? | CO4- U | (16) |

15. (a) Explain how AJAX is used to perform asynchronous data transfer with suitable example. CO5- U (16)

Or

(b) Explain in detail about all types of XML Document Type Definition (DTD) with example programs. CO5- U (16)

