C   **Reg. No. :**

Question Paper Code: 55201

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2018

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)

1. MIME stands for _____.   CO1-R

    (a) Multiple Internet Mail Extensions   (b) Multipurpose Internet Mail Extensions

    (c) Multipurpose Internet Mail Execution   (d) None of these

2. The _____ tag used is for 2D drawings in HTML5 syntactic   CO2- U
    features element

    (a) <audio>   (b) <video>   (c) <canvas>   (d) <footer>

3. The Document Object Model is a set of _____ independent tags.   CO3- R

    (a) Language   (b) Client/server   (c) Document   (d) Platform

4. 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

5. _____is used to exchange data asynchronously with a server in Ajax.   CO5- R

    (a) XML Http Response object   (b) XML Http Event object

    (c) XML Http Request object   (d) XML Http Service object

6. List out some of the basic HTML Tags.   CO1-R
7. Mention the need for cascading style sheets.   CO2- U

8. Write a simple program in JavaScript to validate the email-id.   CO3- App

9. How do you declare and initialize an array in PHP?   CO4- U

10. What is the use of XML declaration?   CO5-U

PART – C (5 x 16= 80Marks)

11. (a) Explain WWW and discuss the structure of the HTTP request/response Message**.**   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) Create a web page with all types of Cascading style sheets.   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) Explain about Document object model with example**.**   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) Explain the steps in the PHP code for querying a database with suitable examples.   CO4- U   (16)

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

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

(b) Explain about DOM with the XML data processing.   CO5- U   (16)

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