

**E** L1E001  
Reg. No. \_\_\_\_\_

Total Pages:2  
Name: \_\_\_\_\_

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**  
**FIRST SEMESTER LATERAL ENTRY MCA DEGREE EXAMINATION DEC 2016**  
**RLMCA 209**  
**WEB PROGRAMMING**

Maximum Marks: 60

Duration: 3 Hours

**PART A**

*Answer All Questions. Each question carries 3 marks*

1. What is a webpage? Explain its classification.
2. Explain any two controls that are created with <input> tag with examples.
3. What is a cascading style sheet? Why we need it.
4. What you mean by document object model and browser object model.
5. Explain constructors in JavaScript.
6. Write any two methods to read data in WebPages.
7. Explain about GET & POST methods.
8. Differentiate client side scripting and server side scripting. Name the programming languages that use it.

**PART B**

*Answer any one question from each module. Each question carries 6 marks*

**MODULE I**

9. What is a hypertext? Explain http phases, messages and status code.

**OR**

10. Name the protocols used for sending and receiving emails. Briefly explain protocol used for sending email.

**MODULE II**

11. a. List some advantages of HTML5 over HTML.  
b. Discuss the tag and attribute to embed an image in webpage. Create a webpage to embed an image map

OR

12. Explain any four form controls with syntax.

**MODULE III**

13. Briefly explain the inclusion of Cascading Style Sheet (CSS) to HTML. Illustrate the use of each with suitable examples.

OR

14. Create an HTML page which contains style sheets that do the following

- a. Display p elements with a border.
- b. Display h1 elements in red color.
- c. Change the background color of the page to yellow
- d. Display h2 elements in courier font and 160% size.

**MODULE IV**

15. Create a form that contains name, address, phone number, and email as text and submit button. Validate the form in JavaScript.

OR

16. What you mean by DOM? Explain how Events are handled in Java Script.

**MODULE V**

17. Briefly explain any four object oriented techniques in JavaScript.

OR

18. Write short notes on AJAX & JSON.

**MODULE VI**

19.    a. Describe the steps to establish Database Connectivity in php pages.  
      b. Write a PHP Program to insert the student information (Name, Marks) into the mysql database tb\_stud(name,mark).

OR

20. Explain PHP Arrays and name the functions used for sorting arrays.