

Reg No.: _____

Name: _____

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
SIXTH SEMESTER B.TECH DEGREE EXAMINATION(R&S), MAY 2019

Course Code: IT302

Course Name: Internet Technology

Max. Marks: 100

Duration: 3 Hours

PART A

Answer any two full questions, each carries 15 marks.

Marks

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| 1 | a) What is the difference between HTTP GET and POST methods? | (3) |
| | b) What do you mean by void elements in HTML5? Write down at least two examples. | (4) |
| | c) What is the difference between inline style and embedded styles? Explain with examples. | (8) |
| 2 | a) With the help of an example, write down the purpose of rowspan and colspan attributes in HTML5. | (8) |
| | b) Write down the usage of z-index property in CSS with an example. | (4) |
| | c) Differentiate inline elements and block-level elements with an example. | (3) |
| 3 | a) Explain any four HTML5 form input elements with examples. | (4) |
| | b) How internal linking can be achieved in HTML5? Explain with an example. | (4) |
| | c) Explain the different methods of positioning CSS elements. | (7) |

PART B

Answer any two full questions, each carries 15 marks.

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|---|--|-----|
| 4 | a) What are the different DOM methods for accessing HTML elements in JavaScript? Explain with examples. | (4) |
| | b) Write a JavaScript program to find the sum of squares of 10 numbers. The script should accept the numbers from the user. | (3) |
| | c) What do you mean by registering an event handler? Explain with an example. | (4) |
| | d) Name any four built-in methods for performing operations using Math objects in JavaScript. Also write its usage. | (4) |
| 5 | a) What do you mean by DOM Collections? Explain with examples. | (8) |
| | b) Write a JavaScript function to accept a numeric array as input parameter and display the largest number in the array. Also call the function in an HTML page. | (4) |

- c) Write a JavaScript program to print all the prime numbers between 10 and 100 using a function. (3)
- 6 a) Illustrate any three global functions available in JavaScript. (3)
- b) Write down the syntax for creating an array in JavaScript. Why JavaScript arrays are called “dynamic” entities? Explain. (5)
- c) With the help of an example, explain the usage of Submit and Reset buttons. (3)
- d) Mention the different DOM tree modification functions available (4)

PART C

Answer any two full questions, each carries 20 marks.

- 7 a) What is the purpose Document Type Definition in XML? Explain with an example. (10)
- b) Write down the purpose of client-side scripting and server-side scripting. How it can be achieved in web applications? Write an example for each. (10)
- 8 a) With the help of an example, explain the structure of an XML document. (10)
- b) Explain the different steps involved in accessing a MySQL database from PHP. Write down its syntax. (10)
- 9 a) Explain how traditional web application is different from Ajax enabled application. Explain with an example. (10)
- b) Create a database application to store the records of students using HTML, PHP and MySQL (Student Record: Name, Address, Gender, Age, email, phone number). (10)
