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FRANCIS XAVIER ENGINEERING COLLEGE, TIRUNELVELI – 627 003

(Autonomous)

QP CODE: 191288

B.E. / B.Tech Degree Examinations – Nov/Dec 2021

Fifth Semester

Regulation – 2019

B.E. – Computer Science Engineering

19CS5701 - INTERNET PROGRAMMING

Time : 3 Hours

Maximum Marks : 100

Part A

(10 x 2 = 20 Marks)

Answer ALL Questions

1. When users enter URL address, into a web browser, how the specific document retrieved from a web server?
2. Show the structure of HTML5.
3. Define CSS and list the features.
4. Write the JavaScript methods to retrieve the date and time based on the computer.
5. Define DOM.
6. Interpret how events are handled in Java script.
7. Show an example for XML namespace.
8. List the rules for creating variables in PHP.
9. Differentiate AJAX forms with HTML5 forms.
10. Compare SOAP and HTTP.

Part B

(5 x 13 = 65 Marks)

Answer ALL Questions

11. a) Describe the structure of the HTTP request and response message. (13)

(OR)

- b) Discuss the basic structure of HTML5 and discuss a program in HTML using image tag, font tag, hyperlink tag. (13)

12. a) Describe the core syntax of CSS with the some suitable example and explain in detail about Box model. (13)

(OR)

- b) i) Write a Java script to find the Prime number between 1 and 100. (7)
ii) Give various Operators in JavaScript with example? (6)

13. a) Analyze the merits and demerits of DOM parser with neat example. (13)

(OR)

- b) Demonstrate a java script to display the welcome message using the alert whenever button of a html form is pressed. (13)

14. a) Summarize about XML schema in detail with example. (13)

(OR)

b) i) Write a PHP program that tests whether an email address is input correctly. (7)
Test your program with both valid and invalid email addresses.

ii) Design simple calculator using PHP. (6)

15. a) Describe in detail about the AJAX architecture. (13)

(OR)

b) Discuss in detail about creating, publishing and testing of web services. (13)

Part C

(1 x 15 = 15 Marks)

Answer ALL Questions

16. a) Create a form in HTML5 to provide the list of grocery for the month from the list in the website. Create using forms, labels, text boxes, lists. Allow the user to enter his details to get the grocery delivered to his house. (15)

(OR)

b) Explain how to do String Manipulations using a PHP Program. (15)