Total No. of Questions : 5]

P5786

SEAT No. :

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First. Year. M.C.A (Management faculty)
IT-23: ADVANCED INTERNET TECHNOLOGIES
(Rev. 2020) (Semester-II)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:
1) *All questions are compulsory.*
2) *Draw neat and labeled diagrams wherever necessary.*

Q1) a) Write a program using Canvas tag to draw different shapes (Circle, Triangle and Rectangle). **[5]**

b) Explain External CSS (CSS Properties: Font, Text, Color) with suitable example. **[5]**

OR

c) Explain any four pseudo classes in CSS with suitable example. **[5]**

d) Explain semantic elements in HTML5. **[5]**

Q2) a) Write a program to create a server in NodeJS and display server responses on a web page. **[5]**

b) What is NodeJS? Explain its working and features. **[5]**

OR

c) Explain any five modules of NodeJS. **[5]**

d) Write a program to show current date and time using user defined module in NodeJS. **[5]**

Q3) a) Explain date and time filter in Angular with suitable example. **[5]**

b) What is Routing in Angular? Explain with suitable example. **[5]**

OR

c) Explain dependency Injection in Angular with suitable example. **[5]**

d) Explain Typescript with suitable example. **[5]**

P.T.O.

Q4) a) What is cookie in PHP? Write a program to create a cookie and delete the Created cookie after 1 hr. **[5]**

b) Write a PHP code to create and print the values of multidimensional array. **[5]**

OR

c) Write a PHP script to display employees belongs to computer department and salary is in between 50000 to 90000 and store found records into the another table. (Assume suitable table structure) **[10]**

Q5) Write Short Note (Any two) **[10]**

a) Events in NodeJS

b) SPA in Angular

c) Super Global Variable in PHP

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