

Total No. of Questions : 5]

SEAT No. :

PC3250

[6383]-1007

[Total No. of Pages :2

F.Y. M.C.A. (Management)

EC - 11 - 2 : WEB DEVELOPMENT

(2024 Pattern) (Semester- I)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) All questions carry equal marks.

Q1) a) Demonstrate the use of <canvas> element to draw following shape.[5]



- b) Using CSS3, demonstrate following with example [5]
 - i) Hover
 - ii) Scale of element
 - iii) Line - through
 - iv) Active
 - v) Focus

OR

- c) Write HTML5 code to demonstrate the usage of the draggable attribute for enabling drag - and - drop functionality. [5]
- d) Using CSS3, apply a gradient text effect on a heading. The text should transition smoothly from blue to purple. [5]

Q2) a) Why Icon fonts are important in responsive design. Discuss with suitable example. [5]

- b) What is the significance of testing a responsive website on multiple devices? [5]

OR

- c) Design a responsive three - column layout that collapses into a single column on Mobile device. [5]
- d) Write the CSS code using media queries to achieve following layout
You have a <div> that takes up 100% width on small screens (less than 600 px) but only 50% width on larger screens. [5]

P.T.O.

- Q3)** a) Create page where user can download files from the server. [5]
b) Develop a blog where user can create & read posts. [5]

OR

- c) Create a simple form in CodeIgniter that collects user's name & e - mail address. Implement validation. [5]
d) Demonstrate how to create a login system using CodeIgniter that sets session data for logged-in users. [5]

- Q4)** a) Write an SQL query to create employee table with suitable example, insert 10 employee records and display all records from table where salary is greater than 50,000/-. [10]

OR

- b) Assume you have a "posts" & "users" table, with a foreign key in "posts" referencing "users". Write a query Builder method to retrieve all posts along with user names of the users who created them. [10]

- Q5)** Solve any two. [10]

- a) What are the key differences between hosting a MySQL database on AWS & Google Cloud?
b) Discuss RESTless API integration.
c) Explain MVC architecture in CodeIgniter4.
d) Write a step for deployment an application.

