C. U. SHAH UNIVERSITY
Winter Examination-2021

Subject Name: Web Technology

Subject Code: 4TE07WTE1   **Branch: B.Tech (CE)**

Semester: 7   **Date: 17/12/2021**   **Time: 02:30 To 05:30**   **Marks: 70**

Instructions:
  (1) Use of Programmable calculator & any other electronic instrument is prohibited.
  (2) Instructions written on main answer book are strictly to be obeyed.
  (3) Draw neat diagrams and figures (if necessary) at right places.
  (4) Assume suitable data if needed.

Q-1   **Attempt the following questions**
  a) What is the use of web server?   **(01)**
  b) What do you mean by WAMP, LAMP and XAMP?   **(01)**
  c) What is query string in PHP?   **(01)**
  d) List out various type of style sheet.   **(01)**
  e) Can we run PHP from HTML file? If yes, how?   **(01)**
  f) What are the features of HTML5?   **(01)**
  g) Define Typography.   **(01)**
  h) What is Super variable?   **(01)**
  i) Give the difference between echo and print in PHP.   **(01)**
  j) What is the purpose of $_PHP_SELF?   **(01)**
  k) What is the use of API?   **(01)**
  l) What is CSS selector?   **(01)**
  m) What is the difference between mysql_fetch_object and mysql_fetch_array?   **(01)**
  n) What is the use $_REQUEST variable?   **(01)**

Attempt any four questions from Q-2 to Q-8

Q-2   **Attempt all questions**
  (a) What is Web browser? Draw and explain architecture of web browser.   **(07)**
  (b) Give the differences of following: **(07)**
          1) Client side Scripting and Server Side Scripting
          2) Session and Cookie

Q-3   **Attempt all questions**
  (a) What is an HTML form? Discuss the different form attributes and its methods and   **(07)**
          design a simple form for employee registration.
  (b) Discuss about the applications of Rich media such as Audio, and Video in web   **(07)**
          designing with suitable example.

Q-4 **Attempt all questions**
- **(a)** What is function? Explain header(), require() and email() function in PHP. **(07)**
- **(b)** Discuss about session management with suitable example. **(07)**

Q-5 **Attempt all questions** **(07)**
- **(a)** Explain Control structure of PHP with example. **(07)**
- **(b)** Write a PHP program to update employee information if employee id is valid else give appropriate message when it is not correct.

Q-6 **Attempt all questions**
- **(a)** Explain $GLOBAL and $REQUEST in PHP with example. **(07)**
- **(b)** Discuss about Numeric array, Associative array and Multidimensional array with example. **(07)**

Q-7 **Attempt all questions**
- **(a)** What do you mean by string manipulation? What are the applications of string manipulation? Explain any four string manipulation function of PHP with example. **(07)**
- **(b)** Explain all possible types of scope of variable in PHP. **(07)**

Q-8 **Attempt all questions**
- **(a)** Explain layouts and flexible box model with example from the point of view of CSS3. **(07)**
- **(b)** Design a web page that accepts the data of company registration and save these data in database if it is valid. **(07)**