Level: Bachelor Semester: Spring Year : 2016
Programme: BE Full Marks: 100
Course: Web Technology Pass Marks: 45
Time : 3hrs.

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Attempt all the questions.

1. a) Define DNS. List the different MIME headers and explain them. 8
   b) Discuss the need of web browser and web server in accessing the Internet. 7

2. a) Write the HTML code to create the following list. 10

   Barclays Premier League
       i.   Manchester United
       ii. Manchester City
       iii. Chelsea
       iv. Arsenal

   LaLiga
       i. Real Madrid
       ii. Barcelona

   Bundesliga
       i. Bayern Munchen
       ii. Borussia Dortmund

   b) What is a Frame? List out the advantages and disadvantages of using a Frame. 5

3. a) Why CSS is used in Web designing? Explain different levels (types) of style sheets with example. Also write advantages and disadvantages of each. 8
   b) Why JavaScript is called as Client Side Scripting Language? Explain the Prompt Box in JavaScript with syntax only. 7

4. a) Write a JavaScript program which validates the user data (name, email, contact no) and displays the success message if validated successfully. Also create the HTML form for entering the data. 8
   b) Write a Program to alter the visibility of an image of HTML document using JavaScript. 7

5. a) What are the main uses of PHP in web programming? Explain different Kinds of array in PHP. 8
   b) How do you connect PHP with MySQL? Write a PHP code that retrieves the name & password from database. 7

6. a) Explain PHP Programming Language? How (PHP) supports cookies? Explain. 7
   b) What are the uses of session? Is it possible to work with sessions in PHP? Explain with an example. 8

7. Write short notes on: (**Any two**) 2×5
   a) CSS Box Model
   b) SMTP
   c) DOM Model