ITM (SLS) BARODA UNIVERSITY, VADODARA
BCA – Semester- 1 Remedial Examination – 2021

Course Code : S21500 4
Course Name : Web Technologies-1: HTML, CSS
Time : 11:00 – 13:00

Date: 08/09/2021
Day: Wednesday
Total Marks: 50

Instructions:
1. Please read the questions carefully before writing answers.
2. Draw the figures/diagram wherever required
3. The qualities of answers are evaluated.
4. Make suitable assumption wherever necessary.
5. Figures to the right indicate full marks.

Q. 1   Attempt the following Questions.   (10 X 01 Marks)   (10)

1. A program that accepts requests from a Web browser and sends back results in the form of HTML documents, is known as
   A. Web host   B. Web server   C. Web interface   d. Web application

2. To make your website mobile friendly, you can make your website
   A. Responsive   B. Reactive   C. Fast Loading   D. Light

3. A program that is used to view websites is called a
   A. Browser   B. Web viewer   C. Spreadsheet   D. Word processor

4. Which of the following is characteristic of Web 2.0 applications?
   A. They get better as more people use it
   B. Multiple users schedule their time to use it one by one
   C. They provide users with content rather than asking users to create it
   D. Web 2.0 application refers to a new version of a web 1.0 application

5. HTTP uses the services of ___ on well-known port 80
   A. UDP   B. IP   C. TCP   D. None of the given options

6. Core of Linux operating system is _____
   A. Shell   B. Kernel   C. Terminal   D. Command

7. A computer on internet is identified by
   A. email address   B. street address   C. IP address   D. server address

8. A blog can be used to
   A. Communicate your news to the world
   B. Just to send e-mails to your friends
   C. To type my homework at home
   D. To burn my CD's

9. The _____ is a standard for specifying any kind of information on the Internet
   A. R   B. URL   C. RL   D. RUL

10. Which of the following statements is true
   A. The web designer shouldn't just be concerned about the looks but also about user interface

B. Usability is very important in web design
C. Options A and B
D. None of the given options

Q. 2

Attempt any two of the following questions: (02 X 05 Marks)   **(10)**

1. Explain how the browser's caching capability improves download time.
2. What are the main sections of an HTML document?
3. What are the most common mistakes that make your HTML code invalid?
4. What are five basic rules to create syntactically correct HTML code?

Q. 3

Attempt any two of the following questions. (02 X 05 Marks)   **(10)**

1. List and explain main guidelines of the WCAG in brief.
2. Describe two methods of designing for multiple screen resolutions. Note the advantages and disadvantages of each method.
3. How does a Web site become live?
4. List any four factors to be considered, while testing your web site and explain any one of these factors in brief.

Q. 4

Attempt any four of the following questions. : (04 X 05Marks)   **(20)**

1. Write HTML code to generate following output:
   - Coffee
   - Tea
     o Black Tea
     o Green Tea
   - Milk

2. Write a HTML program to design a form which should allow to enter your personal data (Hint: make use of text field, password field, radio buttons, text area, submit button)

3. Make following table in HTML

Name		Age
Bill	Smith	43
Eve	Jackson	57

4. What is CSS Box Model? What are the main properties of Box model? Explain any one property in brief.

5. It is desired to change the color of all <p> elements to "red".
   To make the all <p> elements to "red" edit the following code:
   ```
   <!DOCTYPE html>
   <html>
   <head>
   <style >
   </style>
   </head>
   <body>
   <h1>This is a Heading</h1>
   <p>This is a paragraph.</p>
   <p>This is another paragraph.</p>
   </body>
   </html>
   ```

6. What is the full form of CSS? What are various types of CSS? Explain any one type of CSS with an appropriate example.