

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 Objective Question MCQ with four options (10 X 01 Marks) (10)
1. Which of the following is/are the correct examples of implementing class selectors?
 - i) h2.new {background-color: green;}
 - ii) *new {background-color: green;}
 - iii) .new * {background-color: green;}
 - iv) .new {background-color: green;}
 - a. i),ii) and iii)
 - b. ii),iii) and iv)
 - c. i),ii) and iv)
 - d. i),ii,iii) and iv)
 2. Which of the following is NOT the correct way of using element selectors in CSS?
 - a. P{line-height:250%;}
 - b. *{margin:5px;}
 - c. h1,h2,h3{color:black;}
 - d. # {padding:10px;}
 3. Which user's psychological characteristics create confusion in system navigation?
 - a. Stress Level
 - b. Patience
 - c. Attitude and Motivation
 - d. Expectations
 4. Name the attribute of the <input> tag that determines the category of controls
 - a. SRC
 - b. value
 - c. name
 - d. type
 5. Which of the following property is used to create a small-caps effect?
 - a. font-family
 - b. font-style
 - c. font-variant
 - d. font-weight
 6. What is default size of text in <h1> tag?
 - a. 48px
 - b. 36px
 - c. 32px
 - d. 28px
 7. Consider the following statement(s) for the web browser?
 - I. A software that can display web page.
 - II. A program uses to view html document.
 - III. A platform that provide facility to user for access the resource of Internet.
 Which are from the following is TRUE?
 - a. Only I and II
 - b. Only II and III
 - c. I, II and III
 - d. Only I
 8. ITM Student is developing a mobile shopping website. During the development of the website, he is checking the website about the errors at some fixed period of time. From the available designing instruction, which instructions he is following?
 - a. Solicit early and ongoing user involvement.
 - b. Gain a complete understanding of users and their tasks.
 - c. Perform rapid prototyping and testing.
 - d. Implement the design of all the system components.
 9. What does character encoding do?
 - a. A table, functionary that maps text into binary into bytes that can be stored in memory.

- Provides support for search engines to process your HTML documents correctly.
- Helps translate page from one language to another.
- All other options.

10. Which of the following tag is not having attribute target?

- <div>
-
- <area>
- <base>

Q:2

Attempt ANY 2 out of 4 (02 X 05 Marks)

(10)

- What are changes occurred in Web 2.0, compare to Web 1.0? Explain any three points with description.
- List any four web design principles. Explain the meaning, purpose and example of any two design principles.
- Explain any five tags from following with at least two attributes of each:
<tr>, , <area>, <body>,
- List different type of selectors available in CSS. Explain any two with example and write an advantage of both.

Q:3

Attempt ANY 2 out of 4 (02 X 05 Marks)

(10)

- Explain following concept for positioning properties in CSS using html example. Write example with appropriate output.
Fixed, absolute
- Describe with example about following design principals:
Designing effective navigation, User-centric design
- Describe about HTML5. Explain any three features of HTML 5.
- Write short note on following terminologies:
Web browsers & Web servers, HTTP

Q:4

Application based Question (Attempt 4 out of 6) (04 X 05 Marks)

(20)

- Write an HTML code to display following table in web page along with internal CSS for respective tags.

Sr. No	Grade	Range %
1.	A1	>=95
2.	A2	>=85 && <95
3.	B1	>=75 && <85
4.	B2	>=65 && <75
5.	C1	>=55 && <65
6.	C2	>=50 && <55
7.	D1	>=45 && <50
8.	D2	>=40 && <45
9.	P	>=35 && <40
10.	F	<35

- Consider the following code:

```
<!DOCTYPE html>
<html>
<head>
<style>
#myHeader {
background-color: lightblue;
```

```
padding: 10px;
text-align: center;
}
</style>
</head>
<body>
<h2>Identify the Attribute</h2>
<p>Which tag will have the CSS impact??</p>
<h1 id="myHeader">Introduction to Web Design</h1>
<h1 id="myHeader1">CSS</h1>
<h1 id="myHeader2">Forms Elements</h1>
</body>
</html>
```

Do as directed:

- What is the purpose of #myHeader in the above code?
- Which CSS type is used in the above code?
- Out of the three h1 tags which h1 tag will have the CSS effect mentioned in the code? Why?
- Rewrite the code using class selector to apply the CSS on the h1 tag.
- Write one point of difference between Element Selector and Class Selector.

Observe the following code carefully and answer the questions that follow:

```
<html>
<head>
<title>Example</title>
<style type="text/css">
    h1 {
        letter-spacing: 10px;
        text-transform: uppercase;
    }
</style>
</head>
<body> Creation of a project
<ol>
    <li>Analysis</li>
    <li>Design </li>
    <li>Coding</li>
    <li>Testing</li>
    <li>Maintenance</li>
</ol>
</body>
</html>
```

Predict the output of the above code while explaining the effects applied on in the CSS code.

- Write code to create the following HTML Form to accept User's Information as part of a Magazine Survey and do as following:

User Survey

Name _____

Address _____

Male ☐ Female ☐

You came to know about our Magazine from

Friend ☐ Newspaper ☐ TV Radio ☐ Others ☐

3. Write a code snippet to make it only that user will click on "top" link then reach at top of page and user click on "bottom" link then user reach at bottom of page. [3 Marks]

4. Why is the alt attribute so important to navigation? [1 Mark]

Consider following content and answer the following question. Output will display as following

Register Here

Please fill in the details to create an account with us.

Enter Email

Password

Confirm Password

By creating an account you agree to our [Terms & Privacy](#).

Register

Already have an account? [Sign in](#).

HTML Code:

```
<html>
<body>
<form>
<div class="container">
<p>By creating an account you agree to our <a href="#">Terms & Privacy</a>.</p>
<button type="submit" class="registerbtn"><strong>Register</strong></button>
<hr>
<input type="text" placeholder="Enter Email" name="email"><br/>
<label for="email"><b>Enter Email</b></label>
<input type="password" placeholder="Enter Password" name="pwd"><br/>
<label for="confirm"><b>Confirm Password</b></label>
</div>
<label for="pwd"><b>Password</b></label>
<input type="password" placeholder="Confirm Password" name="confirm">
<h1>Register Here</h1>
<hr><p>Please fill in the details to create an account with us.</p>
</div>
<div class="container signin">
<p>Already have an account? <a href="#">Sign in</a>.</p>
</div>
</form>
</html>
```

--- END OF PAPER ---