

## UNIT - I

Q. No		Descriptive Questions
1	A	Explain the form new input types in HTML5?
5	A	Illustrate HTML5 Web Storage with examples.
3	A	Analyze HTML Canvas with examples.
4	A	Demonstrate HTML Audio - How It Works with various attributes.
5	A	Discuss the features of HTML, XHTML, and HTML DOM.
6	A	<b>Create an HTML document that has two rows of frames with two frames in each row.</b> <ul style="list-style-type: none"><li>The top left frame must display the heading "Subjects in III B. Tech II Semester" followed by the subjects AWT.</li><li>The bottom left frame must display the same heading followed by the subjects.</li><li>Each subject in the left frames must be a link to a document displayed in the right frame when clicked.</li><li>The documents in the right frames are short descriptions of the subjects.</li></ul>
7	A	Describe HTML5 audio formats and Video format.
8	A	Give an overview of the HTML5 canvas element. What is its purpose? How does it differ from other methods of drawing and rendering graphics on the web?
Q. No		Short Answer Questions
1		What is the difference between HTML and XHTML?
2		Name any two new input types introduced in HTML5.
3		What is the purpose of the <canvas> element in HTML5?
4		How does localStorage differ from sessionStorage?
5		What are the attributes of the <audio> tag in HTML5?
6		Explain the use of the <header> tag in HTML5.
7		What is the purpose of the required attribute in HTML5 forms?
8		How do you draw a rectangle on an HTML5 canvas?
9		What is the role of the <figure> and <figcaption> tags in HTML5?
10		How do you embed a video in HTML5?
11		How do you create a navigation bar using HTML5 semantic elements?
12		Demonstrate the use of the <progress> tag in HTML5.
13		Demonstrate the use of the <details> and <summary> tags in HTML5.
14		How do you create a dropdown menu in HTML5?
15		Demonstrate the use of the <meter> tag in HTML5.

## UNIT – II

Q. No		Descriptive Questions
1	A	Compare CSS3 and earlier CSS with suitable examples.
2	A	Describe CSS3 Box Model.
3	A	Examine advantages and limitations of working with CSS
4	A	Create a simple form using bootstrap.

5	A	Explain the use of the @keyframes rule in CSS3 with an example.
6	A	Explain CSS3 selectors with an example.
7	A	How do you create a parallax effect using CSS3? Provide an example.
8	A	Discuss the design of responsive web pages.
<b>Q. No</b>	<b>Short Answer Questions</b>	
1	What is the difference between CSS2 and CSS3?	
2	Name any two new selectors introduced in CSS3.	
3	What is the purpose of the box-shadow property in CSS3?	
4	How do you create a gradient background in CSS3?	
5	What is the use of the @keyframes rule in CSS3?	
6	Explain the flexbox layout model in CSS3.	
7	What is the purpose of the transition property in CSS3?	
8	How do you create a rounded corner in CSS3?	
9	What is the difference between padding and margin in CSS?	
10	How do you center an element horizontally and vertically in CSS3?	

### **UNIT – III**

<b>Q. No</b>	<b>Descriptive Questions</b>	
1	A	Demonstrate the syntax of callback functions with example.
2	A	Explain any three ES6 features. Summarize JavaScript Promise Object.
3	A	For the given JavaScript Objects write their properties and methods i) Document ii) Form iii) Window.
4	A	Explain various ways to make an API Call in JavaScript with examples.
5	A	Write a JavaScript program to validate Login form consisting of username password (use regular expressions).
<b>Q. No</b>	<b>Short Answer Questions</b>	
1	What is hoisting in JavaScript?	
2	What is the difference between let and var in JavaScript?	
3	What is a closure in JavaScript?	
4	Discuss the purpose of the setTimeout function in JavaScript?	
5	What is the difference between == and === in JavaScript?	
6	Discuss the use of the fetch() function in JavaScript?	
7	Discuss the purpose of the Promise object in JavaScript?	
8	What is the difference between null and undefined in JavaScript?	
9	Discuss the use of the console.log() function in JavaScript?	
10	Discuss the purpose of the addEventListener method in JavaScript	