

## **WEB DESIGN CAT 1**

### **Question 1: (5 marks)**

Explain the importance of responsive web design and how it enhances the user experience. Provide examples of techniques used to make a website responsive.

### **Question 2: (4 marks)**

Differentiate between margin and padding in CSS. How do these properties contribute to the layout of a web page?

### **Question 3: (5 marks)**

Describe the CSS Flexbox model. Provide an example of how Flexbox can be used to create a responsive and flexible layout.

### **Question 4: (6 marks)**

Discuss the significance of user interface (UI) and user experience (UX) in web design. Provide three principles for creating an effective and user-friendly interface.

### **Question 5: (5 marks)**

Explain the role of meta tags in HTML and how they influence search engine optimization (SEO). Provide at least two meta tags and describe their purposes.

### **Question 6: (5 marks)**

Illustrate the concept of "above the fold" in web design. Why is it important, and how can designers optimize content for this area?

