

Time: 3 Hours

Marks: 80

**Note:** 1) Question 1 is compulsory.

- 2) Attempt any three from remaining Questions.
- 3) Assume suitable data wherever necessary.
- 4) Figure indicates marks.

- Q1. A) Create a web page to show how you can apply the animation effects to an image. Assume suitable parameters if required. [10]
- B) Create a web page to show how you can apply the transformation effects so that the image can rotate and skew by 120 degree angle. Assume suitable parameters if required. [10]
- Q2. A) Define Media Query? Explain Media Query with an example. [10]
- B) What is DOM structure and explain in detail DOM levels. [10]
- Q3. A) Explain in detail Responsive Web Design with an example. [10]
- B) Explain SWOT analysis. List the factors to determine the strengths and weaknesses of SWOT analysis. [10]
- Q4. A) Discuss the strategic Goals of a SEO Practitioner. [10]
- B) Explain in detail REST and WS. [10]
- Q5. A) Explain in detail AJAX web application model with neat diagram. [10]
- B) Discuss in detail website auditing to identify SEO problems. [10]
- Q6. A) Write a code in JavaScript to open a new window when a link on a page is clicked. The new window opened, is closed by placing a button on the window and write JavaScript code on the OnClick() event of the button. [10]
- B) Create a webpage adding a transition effect for both the width and height property on a <div> element, with a duration of 2 seconds for the width and 4 seconds for the height. [10]