

(03 hours)

Total Marks: 80

N.B. (1) Question 1 is compulsory.

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

- Q.1.A. Create a webpage to show how you can apply the transformation effects so that image rotates by 90 degrees. Assume suitable parameters if required. 10
- B. Discuss in detail Algorithm Based Ranking System. 10
- Q.2.A. Discuss deep architecture and flat architecture of a website. 10
- B. Discuss Fixed-Width layouts and Fluid layouts with an example 10
- Q.3.A. Describe the Web-Server mashup architecture. 10
- B. Describe the role of the querySelector() and querySelectorAll() methods in CSS. 10
- Q.4.A. List and Explain HTML5 form elements. 10
- B. Write a short note on – SWOT analysis. 10
- Q.5.A. Discuss the functioning of a search engine. 10
- B. Explain in detail RUI implementation using AJAX with neat diagram. 10
- Q.6.A. Explain CSS3 media queries with an example. 10
- B. Explain mashing with JSON with neat diagram. 10