

(Time: 03 Hours)

Total Marks: 80

N.B. (1) Question No. 1 is compulsory.

(2) Attempt any three questions from remaining.

(3) Assume suitable data wherever necessary.

(4) Figures to right indicate full marks.

- 1. (a) Explain Media query with the help of an example. 10
- (b) Explain the three main ways to apply CSS styles to a page. 10
- 2.(a) Design a web page to demonstrate transformation and animation. 10
- (b) Differentiate between fixed-width layout and fluid-layout with example. 10
- 3.(a) Explain CSS3 type selectors with suitable example. 10
- (b) What is SEO? Comment on SEO objectives. 10
- 4.(a) Explain in detail JSON mashup with diagram. 10
- (b) Explain Geolocation and Webworker with the help of suitable example. 10
- 5.(a) Discuss in detail algorithm based ranking system. 10
- (b) Discuss techniques available in HTML5 and CSS3 to make web page responsive. 10
- 6.(a) Explain characteristics of RIA. Discuss web services. 10
- (b) Discuss pseudo classes in CSS 3 with example. 10

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