

(3 Hours)

- N.B. (1) Question number 1 is compulsory.  
(2) Solve any 3 from remaining.  
(3) Assume suitable data where ever necessary.

Q.1.

- (a) What are major differences in CSS3 and CSS2? 10  
(b) Explain in detail Responsive Web Design with an example. 10

Q.2.

- (a) Define bounce rate, exit rate, conversion rate and engagement with respect to web analytics. 10  
(b) How does AJAX web application model supports RIA 10

Q3.

- (a) What is importance of testing and experimentation in Web analytics 2.0. Also explain pros and cons of available MVT. 10  
(b) Explain in detail Responsive Web Design with an example. 10

Q4.

- (a) What is SOAP protocol ? Explain message structures briefly 10  
(b) Write detailed note on JSON server side with neat labeled diagram? 10

Q5.

- (a) What are different components of Semantic Web Stack? 10  
(b) Explain the role of web ontology language OWL for semantic web. 10

Q6.

- (a) Design a vocabulary by defining suitable classes and properties for a movie information data. Represent same in sample RDF statements. 10  
(b) Write note on: (i) Simple Knowledge Organization System (ii) SPARQL 10