

Q.P. Code : 17066

[Time: Three Hours]

[Marks:80]

Please check whether you have got the right question paper.

- N.B:
1. Question.No.1 is compulsory.
 2. Attempt any three questions from the remaining questions.
 3. Assume suitable data wherever applicable.

- Q.1 a) Explain the paradigm of web Analytics 2.0. 10
b) Explain various web site design issues. 10
- Q.2 a) Explain how rich Internet applications can be developed with help of AJAX. 10
b) Explain the critical web metrics used in clickstream analysis. 10
- Q.3 a) Explain the semantic web stack. 10
b) Describe SOAP protocol and the message structure briefly. 10
- Q.4 a) Design a vocabulary for describing books and communicating about them with other people. Model the vocabulary by defining suitable classes and properties, and create a conceptual model. Then write sample statements in RDF. 10
b) Write an ontology about geography: cities, countries, capitals, borders, states, and so on. 10
- Q.5 a) Explain A/B testing and multivariate testing for testing websites. 10
b) Explain any open source framework for rich internet applications. 10
- Q.6 a) Explain how to design a responsive web with HTML5 and CSS. 10
b) What is Web Service Architecture and explain SOA characteristics supported by web services. 10