

(3 Hours.)

Marks = 80

NB:

1. Question No. 1 is compulsory and solve any THREE questions from remaining questions.
2. Assume suitable data if necessary.
3. Draw clean and neat diagrams.

- Q1.** Attempt any four
- a. Compare and contrast Web 1.0, Web 2.0 and Web 3.0? **5**
 - b. What is Content Management System (CMS) **5**
 - c. Explain steps involved in Web Analytics Process. **5**
 - d. State the advantages and disadvantages of Joomla. **5**
 - e. State four significant N-Triples language. **5**
- Q2.**
- a. What does REST Stand for? Explain REST API with a basic flow diagram. **10**
 - b. Explain the following built in Angular JS Directives with example. **10**
 - a) ng-app
 - b) ng-init
- Q3.**
- a. Discuss any 5 built-in helper functions in AngularJS. **10**
 - b. Explain Flask templates with an example. **10**
- Q4**
- a. Explain the working of MongoDB and Applications of MongoDB. **10**
 - b. With the help of diagram explain process involved in AJAX Asynchronous Model. **10**
- Q5**
- a. What are the HTTP Methods provided by Python Flask? **10**
 - b. Explain Drupal's architecture with its advantages. **10**
- Q6**
- a. Explain different characteristics of RIA in details. **10**
 - b. Discuss definite and indefinite loops with suitable examples in Typescript. **10**