

(3 hrs.)

Maximum 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 4	Marks
a.	Explain Multilevel Inheritance in Typescript with suitable example	5
b.	Illustrate AngularJS custom directives with an example	5
c.	Explain Characteristics of Semantic Web	5
d.	What are the features of Python Flask?	5
e.	Differentiate between CMS and Framework	5
Q2.	a. Explain controllers in Angular JS with example	10
	b. Explain MongoDB Data Types along with syntax.	10
Q3.	a. Compare and contrast Web 1.0, Web 2.0 and Web 3.0	10
	b. Explain Routing using ng-Route, ng-Repeat, ng-style, ng-view. With suitable example	10
Q4	a. Define RIA and explain characteristics of RIA	10
	b. Differentiate Var v/s Let. In addition, Explain function overloading with suitable examples.	10
Q5	a. Explain MongoDB CRUD Operations with an example.	10
	b. How to set access and delete cookies in Python Flask?	10
Q6	a. Explain features and Working of AJAX	10
	b. Explain AngularJS \$http service in detail with its get() and post() methods.	10
