

(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 four	Marks
a.	Explain Semantic Web Stack	5
b.	Explain an arrow function in TypeScript	5
c.	What is Routing in AngularJS	5
d.	Discuss default database in MongoDB : local, admin, and config	5
e.	Discuss technologies AJAX works with to create interactive web pages	5
Q2.	a. Define Clickstream Analysis and state its applications.	10
	b. Explain Modules in TypeScript with example	10
Q3.	a. Explain AngularJS ng-app, ng-init, ng-model directive with examples	10
	b. Explain Accessing and Manipulating Databases commands in MongoDB	10
Q4.	a. Explain with example concept of Flask Templates	10
	b. With diagram explain working of AJAX	10
Q5.	a. What are the expressions in AngularJS?	10
	b. Explain the concept of Collections and Documents in MongoDB with examples	10
Q6.	a. What is Flask URL Building?	10
	b. Short note on Angular JS Data Binding	10