

T.E Sem VI | IT | e-scheme | Dr 18/11/25 / PPC: 97440.

(3 hours.)

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.	Compare and contrast Web 1.0, Web 2.0 and Web 3.0?	5
b.	Explain AngularJS Controller.	5
c.	What are the features of MongoDB?	5
d.	Differentiate between JavaScript and TypeScript	5
e.	What is Content Management System (CMS)	5
Q2.	a. Define Semantic Web. Explain the components of Semantic Web Stack with diagram	10
	b. Explain how internal and External Modules used in TypeScript with suitable example.	10
Q3.	a. Explain Angular JS filters with example	10
	b. Explain Flask templates with an example.	10
Q4.	a. Explain Joomla's architecture with all 7 components. Drupal allows you to create three kinds of contents: state them	10
	b. Explain RSET API in detail.	10
Q5.	a. Explain MongoDB CRUD Operations with an example.	10
	b. What is an AngularJS dependency injection? State 6 examples of AngularJS built-in helper function.	10
Q6.	a. How to set, access and delete cookies in Python Flask?	10
	b. With the help of diagram explain process involved in AJAX Asynchronous Model.	10