

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2022****Subject Code:3161611****Date:10/06/2022****Subject Name:Advanced Web Programming****Time:10:30 AM TO 01:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

	MARKS
Q.1 (a) Explain the use of CSS with suitable example.	03
(b) Write a note on angular JS.	04
(c) What is the use of JavaScript? List and discuss the advantages of JavaScript.	07
Q.2 (a) Define Angular JS directives: ng-app, ng-model and ng-bind.	03
(b) Write CSS code to display various border properties.	04
(c) Discuss error handling in JavaScript using suitable example.	07
OR	
(c) Write a note on various dialog boxes of JavaScript with example.	07
Q.3 (a) Write a note on CSS padding using suitable example.	03
(b) Write a note on MVC architecture of Angular JS.	04
(c) Explain Angular JS events using suitable example.	07
OR	
Q.3 (a) What is the use of Node JS?	03
(b) Write a note on HTML DOM of Angular JS.	04
(c) List and discuss various filters used in Angular JS.	07
Q.4 (a) Define REST Architecture in Node JS.	03
(b) List and discuss features of Node JS.	04
(c) Write a Node JS code to create a server.	07
OR	
Q.4 (a) Write a short note on Network module in Node JS.	03
(b) Discuss NPM (Node Package Manager) in Node JS.	04
(c) What is stream? Write node JS code to read from stream.	07
Q.5 (a) Write the applications of Angular JS.	03
(b) Write the differences between Application and controller modules in Angular JS.	04
(c) Write Node JS programs for database connectivity with MongoDB including insert operation in MySQL database.	07
OR	
Q.5 (a) Write a note on MongoDB.	03
(b) Discuss: sessions and cookies.	04
(c) Explain piping and chaining of streams with example.	07
