

Course Code : 2101CS304**Date** : 17-04-2023**Course Name** : Web Technology**Duration** : 150 Minutes**Total Marks** : 70**Instructions:**

1. Attempt all the questions.
2. Figures to the right indicates maximum marks.
3. Make suitable assumptions wherever necessary.

- Q.1 (A)** Write a short note on Regular Expression. **4**
- (B)** Explain Popup boxes in Javascript. **3**

OR

Explain callbacks in Javascript.

- (C)** Demonstrate static login page using javascript and display information in next page. **7**

OR

Demonstrate User Defined Functions Using Java Script to find whether the given number is prime or not.

- Q.2 (A)** Explain new features in ES6. **4**
- (B)** Demonstrate getAll, getByID and delete operation by consuming API in ReactJS with following fields. **10**

Field Name	Data Type
ProductID	Number
ProductName	String
ProductDescription	String
ProdductImage	String
ProductPrice	Number

OR

Demonstrate getAll and insert operation by consuming API in ReactJS with following fields.

Field Name	Data Type
ProductID	Number
ProductName	String
ProductDescription	String
ProdductImage	String
ProductPrice	Number

- Q.3 (A)** Explain components in ReactJS **4**
- (B)** Write a shortnote on JSX. **3**

OR

Write a shortnote on props in ReactJS.

(C) Explain Node Package Manager. **7**

OR

Explain NodeJS modules.

Q.4 (A) List methods of fs core module of NodeJS. **4**

(B) Explain Basic routing in Express. **3**

OR

Explain use of Express in NodeJS.

(C) Write basic web application using http module in NodeJS. **7**

OR

Write basic web application using ExpressJS.

Q.5 (A) Explain Vue.js **4**

(B) Write a short note on plymer.js **3**

OR

Write a short note on Meteor.js

(C) Explain Ember.js **7**

OR

Explain Backbone.js
