

2311000501030002
M.Sc. (COMP.APPLI.) (Sem – I)
Examination December - 2023
Web Development Frameworks

Seat No:

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[Time: Three hours]

[Max. marks: 70]

Student's Signature

Q.1 Answer the following questions. (Any seven) 14

1. Write any two advantages of AngularJS.
2. Explain table in Angular JS?
3. How to use data source as an object?
4. What is purpose of \$dirty directive?
5. Explain the .head() service method.
6. How to validate mobile number?
7. What is purpose of cookies?
8. Write difference between Response and Request in Express.js.

Q.2 Answer in detail. (Any two) 14

1. What is architectural and functional level difference between Angular and AngularJS?
2. Describe AngularJS controllers.
3. Write notes on AngularJS expression, Databinding and Directives.

Q.3 Answer in detail. (Any Two) 14

1. Discuss about AngularJS dependency, filters and Tables.
2. What is difference between ng-options and ng-repeat?
3. Explain any three form validation directives.

Q.4 Do as directed. (Any two) 14

1. How to use Data Source as an object in AngularJS?
2. Create a sign-up form (username, password) using Angular JS with validation of empty fields.
3. Explain Express Multiple Router, Dynamic and static route. With examples.

Q.5 **Answer in detail. (Any two)** **14**

1. Explain Express.js features and application.
2. Describe how the AJAX call to retrieve data in JSON format?
3. How to Bind application data to HTML DOM elements?
4. Architecture and Features of Angular JS