

Roll.No.

25PCSCT1003

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.

M.Sc.Computer Science - END SEMESTER EXAMINATIONS - NOVEMBER 2025
SEMESTER - I

25PCSCT1003 - Full Stack Web Development

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Define web server in the development framework.
2. Explain the challenges of NoSql.
3. How to apply the route methods in Angular? Explain.
4. Illustrate the basic steps to design blog site.
5. Describe the process for creating simple Node.js application.
6. Classify the user accounts in Mongo DB using an example database.
7. Describe the angular components with suitable examples.
8. Determine the tutorial app creation process using Node.js.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Sketch the backend services in the development framework.
10. Prepare a simple application for HTTP services implementation using Node.js.
11. Examine the basic queries in Mongo DB using a sample database.
12. Discriminate the built-in-directives in express and angular.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Ascertain the creation of E-commerce website using HTML 5.
