

Rathnavel Subramaniam College of Arts and Science (Autonomous)

School of Computer Studies (SCS) - MCA

I MCA 2018 LE Batch

Semester – I Full Stack Application Development

Miniathon CIA RETEST REQUIREMENTS

Course Title (s) :

Total Marks: 50+50

1) Specialization: Full Stack App Development: Paper - 1: Responsive Web Design

2) Specialization: Full Stack App Development: Paper - 3: JavaScript and JQuery

Refer below for Design Spec Figma Link URL: Water Tap Application

<https://www.figma.com/file/Jd9CVHD6wJPvMEhUpaaY6Y/1st-year-model-exam?node-id=0%3A1>

HTML/CSS/BOOTSTRAP

- Navbar - 5 Mark
 - Create a navbar using bootstrap which contains navbar items as per given design.
- Slick - 5 Mark
 - Create a slick left and right side image move arrow as per the given design spec.
- Gallery - 10 mark
 - Add 4 images per row, totally 2 rows.
- Footer - 5 Mark
 - Create a footer with given design texts.
- Table nav -5 Mark
 - Left Side content - Offers Near You, Express Delivery, Only on Us, Pocket Friendly, Special Offers, See All (Back to bottom Button).
- Search modal Page - 10 Mark
 - Refer given design for this page content.
- Sign in & Login Pages - 10 Mark
 - Refer given design for this page content.

JAVASCRIPT / JQUERY

- Login -10 mark
User must validate them by entering their phone number and password with valid credential they suppose to navigate to the cart page. The Application must not allow the user to navigate to the cart page without entering valid credentials
- Sign in - 10 mark
User creation must done based on the field that specified in the design, Many users may be created
- Slick -5 Mark
- Table hover - 10 Mark
When hover table items (left side), border should appear based on the selected item.
- Escape (Onclick() & Keyboard Event) - 10 Mark
-Escape the current window by pressing Esc key and click on the Esc button as per the design
- Back to bottom Button - 5Mark
The page should move to footer when user clicks Back to bottom Button.

Course Title (s) :

Total Marks: 50

Specialization: Full Stack App Development: Paper - 2:Express JS

1. Install Node JS (10 marks)

2. Commands (10 Marks)

Initialize npm

Add superheroes module to your project

List the keywords starts with 'con'

Get properties and methods of console

Exit the REPL

3. Folder Creation (10 marks)

Create node_projects folder using Dos Prompt

Add this folder to your editor (Atom / VS Code)

Create index.js file

Create a Welcome message

Show the message using REPL

4. Internal Module: (10 Marks)

Create a Node JS program to append data to a text file

5. External module: (10 Marks)

Create a Node JS program to list famous cat names