Code No: **20CS3603**

**MODEL QUESTION PAPERER**

**PVP20**

**PVP Siddhartha Institute OF TECHNOLOGY**

**(Autonomous)**

**III B.Tech - II Semester Regular Examinations, May-2022**

**MREN STACK DEVELOPMENT**

**Duration: 3 Hours Max. Marks: 70**

Note:

1. Contains 5 essay questions with an internal choice. Each question carries 14 Marks.
2. All parts of Question paper must be answered in one place.

5 x 14 = 70 Marks

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|  |  |  | Blooms Level | CO | Max. Marks |
| **UNIT-I** | | | | | |
| 1 | (a) | Illustrate Basic Web Development Framework | L3 | CO1 | 7 |
| (b) | How Error Handling is done in JavaScript with suitable examples. | L3 | CO1 | 7 |
| **OR** | | | | | |
| 2 | (a) | Demonstrate Anonymous Functions in JS | L3 | CO1 | 7 |
| (b) | Demonstrate various Methods to manipulate Array objects | L3 | CO1 | 7 |
| **UNIT-II** | | | | | |
| 3 | (a) | How would you publish a Node.js Packaged Module in NPM | L3 | CO2 | 7 |
| (b) | Make use of Packaged Module to build application in Node.js | L3 | CO2 | 7 |
| **OR** | | | | | |
| 4 | (a) | Implement Node JS Packaged Module | L3 | CO2 | 7 |
| (b) | How would you write data to the console in Node.js | L3 | CO2 | 7 |
| **UNIT-III** | | | | | |
| 5 | (a) | Build program in Node JS on how to parse URL | L3 | CO2 | 7 |
| (b) | Explain Request/ Response objects | L2 | CO1 | 7 |
| **OR** | | | | | |
| 6 | (a) | Explain how to configure routers | L2 | CO1 | 7 |
| (b) | Demonstrate Dynamic GET Servers in Node JS | L3 | CO2 | 7 |
| **UNIT-IV** | | | | | |
| 7 | (a) | Explain the how to process a requested data | L2 | CO1 | 7 |
| (b) | Build Forms using REACT Components | L3 | CO3 | 7 |
| **OR** | | | | | |
| 8 | (a) | Briefly explain REACT Hocks and Router | L2 | CO1 | 7 |
| (b) | Demonstrate how To Handle Routing in React Apps | L3 | CO3 | 7 |
| **UNIT-V** | | | | | |
| 9 | (a) | Make use of MongoDB Collections to insert the record | L3 | CO4 | 7 |
| (b) | Explain MongoDB Shell commands and methods | L2 | CO1 | 7 |
| **OR** | | | | | |
| 10 | (a) | Explain MongoDB Data Types? | L2 | CO1 | 7 |
| (b) | Make use of Mongo Client Object to Connect MongoDB from Node.js | L3 | CO4 | 7 |

**Course Coordinator**

Dr P Sai Kiran -

B Vishnu Vardhan - **HOD**

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