|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Prasad V. Potluri Siddhartha Institute of Technology::Autonomous | | | | | | | |
| Department of Computer Science and Engineering | | | | | | | |
| Course: **B.Tech** | | Year: **III** | Semester: **II** | Descriptive Exam: **I** | | **A.Y: 2024-2025** | |
| Subject Code:**20CS3603** | | Subject Name: **MERN STACK DEVELOPMENT** | | | | Regulation: **PVP20** | |
| Duration: **1 hr. 30 min** | | **Maximum Marks: 15 Marks** | | | | Date: **22-01-2024** | |
| **Answer all the Questions. Each Question carries 5 Marks 3×5M=15M** | | | | | | | |
| **Q. No** | **Question** | | | | **Marks** | **CO** | **Cognitive Level** |
| **1** | 1. Explain about the Node.js-to-Angular stack in detail. | | | | **3** | **CO1** | **L2** |
|  | 1. Build an HTML page including any required JavaScript that takes a number from one text field in the range of 0 to 999 and shows it in another text field in words. If the number is out of range, it should show “out of range” and if it is not a number, it should show “not a number” message in the result box. | | | | **2** | **CO1** | **L2** |
| **2** | Demonstrate how to Publish, Install and functions in a Node.js Packaged Module from the NPM Registry | | | | **5** | **CO2** | **L3** |
| **3** | 1. Explain Request, Response and server objects | | | | **2** | **CO1** | **L2** |
| 1. Implement HTTP Servers and Clients in Node.js with a suitable code example. | | | | **3** | **CO2** | **L3** |