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## II SEMESTER M.TECH. (SOFTWARE ENGINEERING) **IN-SEMESTER I EXAMINATION, MARCH 2023**

SUBJECT: Elective III: FULL STACK WEB DEVELOPMENT [ICT 5021] **REVISED CREDIT SYSTEM** 

Time: 1 HOUR MAX. MARKS: 15

## Instructions to Candidates:

- ❖ Answer **ALL** the questions.
- Missing data may be suitably assumed.
- Is it possible to embed a video in HTML without third-party plugins? If so, how? 1.

2. Design the webpage shown in Figure 2.1 using bootstrap. Write only the HTML code.

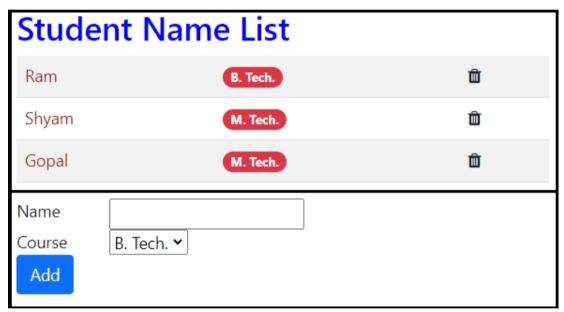


Figure 2.1

**4M** 

- 3. Explain how a web application works.
- Write the javascript function for the webpage in Figure 2.1, which gets executed on clicking 4. the "ADD" button. (Assume the "students" array stores information about the list of **3M** students)
- 5. Write the javascript function for the webpage in Figure 2.1, which gets executed on clicking the "DELETE" button. (Assume the "students" array stores information about the list of students)
- Analyze any two data types in JavaScript and explain the differences between them. 6.

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**2M** 

2M

**2M**