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| **Student ID:- Bc180201337**  **Student Name:- Muhammad Rizwan**  **Question No. 1 [Marks: 10]**  Consider a bridged network consisting of two segments. The **segment 1** consists of computer A, B and Cwhereas the **segment 2** consists of computers I and J. You are required to complete address table for the bridge after each event is performed. Assume that bridge has just rebooted, and its address list is empty.   |  |  |  | | --- | --- | --- | | **Network Event** | **Address List** | | | **Segment 1** | **Segment 2** | | *Computer I* sends a frame to *Computer J* | - | I | | *Computer C* sends a frame to *Computer J* | C | I.J | | *Computer J*sends a frame to *Computer B* | B.C | J.I | | *Computer A* sends a frame to *Computer I* | A.B.C | I | | *Computer B* sends a frame to *Computer A* | B | - |   **Note:**   * Use letters A, B, C, I and J to complete the address table. * No description is required to fill up address table.   **Question No. 2 [Marks: 10]**  Following figure shows that different devices are attached with switches (1, 2 and 3). You are required to complete the entries for the Next Hop in the given table.     |  |  | | --- | --- | | **Destination** | **Next Hop** | | [1,4] | **Interface 2** | | [3,5] | **Interface 3** | | [3,6] | **Interface 3** | | [2,5] | **Interface D** | | [2,6] | **Interface E** | |