

**HALF YEARLY EXAMINATION (2021-22)**

Max Marks: 50  
Subject: Computer Hardware

Date: 25/01/22  
Class: BSc (CS)-III

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| 1: | Explain the DMA controller in modern computing.       | 10 |
| 2: | Write about memory addressing modes of P-8088.        | 10 |
| 3: | Explain Block Diagram of various parts of PC          | 10 |
| 4: | Difference between Serial port and LPT Port           | 10 |
| 5: | What is the main function of Boot strap loader in DOS | 10 |

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| 1: | Explain the structure of relational data base. | 10 |
| 2: | Draw ER diagram of school management system.   | 10 |
| 3: | Explain 4NF with decomposition                 | 10 |
| 4: | Compare DROP and DELETE in SQL.                | 10 |
| 5: | Demonstrate SELECT query and its attributes.   | 10 |