



## Bangladesh Army University of Engineering & Technology (BAUET)

Department of Computer Science and Engineering (CSE)

Batch: CSE-16A & 16B

ClassTest-04

Semester: Summer-2024

Course Code: CSE-2211

Course Title: Database Management Systems

Full Marks: 15

Time: 25 Minutes

**Marks**

- Q.1 Compare the main differences between Dense and Sparse indexing techniques in DBMS. **4**
- Q.2 Illustrate Bucket overflow in the hashing technique. Mention the names of different types of collision resolution techniques. **4**
- Q.3 Consider the B+ tree index shown below. Delete key 60 from the tree and display the new tree structure. **7**

