

**UIT University**

**Department of Engineering Technology**

**Course Code: SET-211/CET-224**

**Database System/Database Application**

**Fall 2024**

**Assignment 1**

**Deadline ( 28 Oct 2024)**

1. Define the term "Database" and "Database Management System (DBMS)." 2 Marks
2. Discuss the key advantages of using a DBMS compared to file-based systems. 2 Marks
3. Explain the concept of "data abstraction" and how it relates to the three levels of DBMS architecture (internal, conceptual, and external levels). 2 Marks
4. Define the following terms: 4 Marks

* Data
* Information
* Database
* DBMS
* Data Independence

**Submitted Guideline:**

Submit in submit in handwritten form.