ourdiu.com | Shared by Gazi Hasnain Ahamed

# Daffodil International University

**Faculty of Science & Information Technology**
**Department of Computer Science & Engineering**
**Quiz-01 Examination, Spring-2026**
**Course Code: CSE311, Course Title: Database Management System**
**Level: Term: Batch: 64**

**Time: 00:30 Mins** **Marks: 15**

## Answer ALL Questions

*[The figures in the right margin indicate the full marks and corresponding course outcomes. All portions of each question must be answered sequentially.]*

| | | | | |
|---|---|---|---|---|
| 1. | a) | What are the disadvantages of the conventional flat file system? Explain any five disadvantages briefly. | 3 | CO1 |
| 2. | a) | Table: Payments<br>PaymentID \| CustomerID \| AmountPaid \| PaymentDate \| Country<br>1 \| C101 \| 5000 \| 2024-01-10 \| Bangladesh<br>2 \| C102 \| 3000 \| 2024-01-12 \| India<br>3 \| C101 \| 2000 \| 2024-01-15 \| Bangladesh<br>4 \| C103 \| 7000 \| 2024-01-18 \| USA<br>5 \| C104 \| 4000 \| 2024-01-20 \| India<br><br>Write SQL query to create the above table and insert records.<br>Write an SQL query to calculate the total amount paid (SUM) by all customers.<br>Write an SQL query to display all information of customers who are from India.<br>Write an SQL query to find the average payment amount (AVG) made by customers.<br>Write an SQL query to find the highest and lowest payment amounts from the table.<br>Write an SQL query to display the total amount paid by each country using the GROUP BY clause. | 9 | CO2 |
| 3. | a) | Write down ACID properties in DBMS. | 3 | |