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CS5340 Databases – Fall 2025 ( Quiz # 1 )

Name:

Roll No:

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**Instructions**

1- Read the Questions carefully to give concise Answers.   
 2- Answers outside the box will not be considered. Answers should be readable  
 3- Clearly mention any assumptions you have taken in your Answers.   
 4- Explanation is only optional for MCQs that are based on definitions.   
 5- Use of unfair means will result in an award of ZERO marks.

Q1. Which statement about tuples in a relation is correct?

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| A. Tuples must be stored in sorted order | B. Tuples are unique within a relation |
| C. Tuples are identified by their position in the table | D. Tuples can only be added if all attributes are NULL |

Q2. Which SQL Server column type is best suited for storing addresses of varying lengths?

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| A. CHAR | B. VARCHAR |
| C. INT | D. BIT |

Q3. An employee table has DeptID as a foreign key referencing Department(DeptID). What does this enforce?

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| A. Every department must have at least one employee | B. Every employee must belong to a valid department |
| C. Departments cannot be deleted | D. Employees cannot be NULL |

Q4. Which constraint ensures a column cannot store NULL values?

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| A. DEFAULT | B. UNIQUE |
| C. CHECK | D. NOT NULL |

Q5. A table has candidate keys (Email, Phone). If Email is chosen as the primary key, what is Phone?

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| --- | --- |
| A. Superkey | B. Alternate key |
| C. Foreign key | D. Composite key |

Q7. Which schema is used by default in SQL Server when none is specified?

xplain your answer:

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Q8. Which of the following is NOT a purpose of a schema?

xplain your answer:

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Q9. Which SQL Server system database stores job schedules and backup history?

xplain your answer:

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Q10. Which SQL category is used for assigning permissions?

xplain your answer:

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Q11. Which function replaces NULL values with a specified literal value in SQL Server?

Explain your answer:

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Q12. What is the result of NULL + 10 in SQL Server?

Explain your answer:

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Q13. Which SQL clause is used to sort query output?

Explain your answer:

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END OF QUIZ  
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