

CS-403 Final Term Exams Preparation Virtual University

Sr	Questions	Answers Choice
1	_____ is a control that enables users to select one option from an associated list; users can also type an option	A. Combo box B. Button C. Text box D. Static area
2	_____ is a control that users click to perform an action, set or toggle a state, or set an option.	A. Button B. Text box C. Input form D. Report
3	Controlling redundancy in a database management system DOES NOT help to	A. avoid duplication B. avoid unnecessary wastage of storage space C. avoid unauthorised access to data D. avoid inconsistency among data
4	In a conceptual database model, which of the following most likely represents a valid identifier for a class grades?	A. StudentID B. StudentID, CourseID C. StudentID, CourseID, InstructorID D. StudentID, CourseSectionID
5	Which of the following is CORRECT about database management system's languages?	A. Data definition languages are used to specify the conceptual schema only. B. Data manipulation languages are used to create the databases C. Data manipulation languages are used for retrieval, insertion, deletion and modification of data D. Data definition languages are only used to update data in the DBMS.
6	Which of the following SQL commands deletes a record of an employee with the employee_id 12345, from a table named PERSON.	A. DELETE FROM person WHERE employee_id = '12345' B. DELETE WHERE person FROM employee_id = 12345 C. DROP FROM person WHERE employee_id = 12345 D. DELETE WHERE person WHERE employee_id = 12345
7	Which of the following most certainly implies the need for an entire table to implement?	A. A binary relationship B. A ternary relationship C. A recursive relationship D. An identifying relationship
8	Which of the following is not a type of user interface?	A. Graphical User Interface (GUI) B. Forms C. DB tables D. Text based
9	Materialized views and Indexes are NOT similar by the following way(s).	A. they consume storage space B. They must be refreshed when the data in their master tables changes C. They can be accessed directly using a SELECT statement D. All of the Given
10	Which of the following is NOT a feature of a good interface?	A. Consistency B. Process based C. Data structure based D. User friendly
11	_____ is a control that enables users to select one option from an associated list; users can also type an option.	A. Combo box B. Button C. Text box D. Static area
12	Which of the following types of partitioning reduces the chances of unbalanced partitions?	A. vertical B. List C. Hash D. Range
13	A candidate key that does not have a null value and is selected to uniquely identify all other	A. superkey B. candidate key

	attribute values in any given row is called a	<p>C. primary key</p> <p>D. secondary key</p>
14	In which of the following, Materialized Views are suitable	<p>A. Data warehousing</p> <p>B. Decision support</p> <p>C. Mobile computing</p> <p>D. All of the Given</p>
15	In a conceptual model for a university, what type of relationship exists between Grade and Student entities?	<p>A. 1:1</p> <p>B. 1:M</p> <p>C. M:M</p> <p>D. Ternary</p>
16	Suppose there are 4 fields in a table named CUST (customer_id, first_name, last_name, phone). Which of the following gives all the information of the customers in the table whose last name is ALI?	<p>A. SELECT * FROM CUST WHERE last_name='ALI';</p> <p>B. SELECT * FROM CUST WHERE last_name=ALI;</p> <p>C. SELECT * FROM CUSTOMER WHERE name=ALI;</p> <p>D. SELECT * FROM CUSTOMER WHERE last_name=ALI;</p>
17	Select the correct statement about the ANSI/SPARC architecture	<p>A. The conceptual level is a level of indication between the internal level and the external level.</p> <p>B. The internal level in a database system will definitely be relational.</p> <p>C. Any given database has many conceptual schemas and one physical schema, but it has only one external schemas.</p> <p>D. The external level is not concerned with individual user perceptions, while the conceptual level is concerned with a community user perception.</p>
18	Identify the correct statement with respect to normalization.	<p>A. Normalization is a formal technique that can be used only at the starting phase of the database design.</p> <p>B. Normalization can be used as a top-down standalone database design technique.</p> <p>C. The process of normalization through decomposition must achieve the lossless join property at any cost whereas the dependency reservation property is sometimes sacrificed.</p> <p>D. The process of normalization through decomposition must achieve the dependency reservation property at any cost whereas the lossless join property is sometimes sacrificed.</p>
19	Structural constraints of a relationship type refer to	<p>A. identifying the owner entity type relevant to a given entity type</p> <p>B. whether the existence of an entity depends on it being related to another entity via the relationship type.</p> <p>C. the role that a participating entity from the entity type plays in each relationship instance</p> <p>D. the constraints applicable in granting access to tables, columns and views in a database schema.</p>
20	Which of the following enforces a relation into 1st normal form?	<p>A. The domain of attribute must include only atomic values.</p> <p>B. Every non-key attribute is fully functionally dependent on primary key</p> <p>C. non-key attribute is non-transitively dependent on primary key.</p> <p>D. Every non-key attribute is partially dependent on super key</p>