

## CS-403 Final Term Exams Preparation Virtual University

Sr	Questions	Answers Choice
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1	Which of the following types of partitioning reduces the chances of unbalanced partitions?	B. List C. Hash D. Range
2	A database system allows the following EXCEPT	A. management and control of data towards an efficient working of an organisation B. more critical functions in organisations to be computerised and the need to keep a large volume of data available in an up to the minute current state increased. C. any user to access all its data D. integration of data across multiple applications into a single application.
3	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.
4	Select the correct statement among the following.	A. Role names are not technically necessary in relationship types when all the participating entity types are distinct  B. When different entity types participate only once in a single relationship type it is called a recursive relationship.  C. Cardinality ratios for binary relationship are displayed on Entity Relationship Diagrams by using a diamond shape notation.  D. Partial participation which is also called existence dependency is displayed as a double line connecting the participating entity type to the relationship.
5	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
6	Identify the correct statement.	A. Referential integrity constraints check whether the primary key values are unique B. Referential integrity constraints check whether an attribute value lies in the given range C. Referential integrity constraints are specified between entities having recursive relationships D. When Referential integrity rules are enforced, a tuple in one relation that refers to another relation must refer to an existing tuple.
7	Which of the following concepts is applicable with respect to 3NF?	A. Full functional dependency     B. Any kind of dependency     C. Transitive dependency     D. Partial functional dependency
8	Suppose there are 4 fields in a table named WORKER (ld, first_name, last_name, joining_year). Which of the following gives all the information of the workers who have joined after 1965?	A. SELECT * FROM WORKER WHERE joining_Year>1965; B. SELECT * FROM WORKER WHERE joining_Year>'1965'; C. SELECT * FROM WORKER AND

		joining_Year>'1965'; D. SELECT * WHERE joining_Year>1965;
9	Which of the following statements is true about the views?	A. view is always a complete set of all the tables in a database B. View can not be used for retrieving data C. The results of using a view are not permanently stored in the database. D. Rows can not be updated or deleted in the view
10	A description on a particular collection of data using the given data model	A. Database B. Schema C. None of the above D. Relation
11	In a conceptual model for a university, what type of relationship exists between Grade and Student entitie	A. 1:1 B. 1:M C. M:M D. Ternary
12	A superkey that does not contain a subset of attributes that is itself a superkey is called a ——	A. candidate key B. primary key C. superkey D. secondary key
13	Which of the following is not true regarding Indexes?	A. Index can be defined even when there is no data in the table B. It support Range selections C. It can be created using 'Create Index' statement D. It can not be created on composite attributes
14	Which of the following is true about DELETE command?	A. is DDL Command B. Resets identity of the table C. cannot activate a trigger D. Can be Rolled back
15	Which of the following are the general activities, which are performed during the development of application programs?	A. Data input programs B. Editing C. Display D. All of given
16	Identify the advantage of DELETE command over TRUNCATE.	A. Can be Rolled back B. is DDL Command. C. cannot activate a trigger. D. faster and uses fewer system
17	Which feature of database provides conversion from inconsistent state of DB to a consistent state ensuring minimum data loss?	A. User accessible catalog     B. Data processing     C. Authorization service     D. Recovery service
18	Which of the following is NOT a component of a DFD?	A. Dataflow B. Datastore C. External entities D. Relationship between external entities
19	Which of the following is one of the purposes of using DDL commands?	A. inserting records into databases B. updating records into databases C. manipulating databases D. creating and destroying databases
20	You can't modify more than one table at a time through a view.	A. True B. False C. Not Sure