

## CS-403 Final Term Exams Preparation Virtual University

Sr	Questions	Answers Choice
1	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
2	If K is a foreign key in relation R1, then	A. every tuple of R1 has a distinct value for K B. k can not have a null value for tuples in R1 C. K is a key for some other relation. D. K is a primary key for R1.
3	Identify the correct statement about ANSI/SPARC architecture.	A. The external level is not concerned with individual user perceptions B. The internal level, in a database system, will always be relational C. Any given database has exactly one conceptual schema and one physical schema, but it may have several external schemas. D. A data definition language is used to define the internal schema
4	Identify the correct statement	A. Entity integrity constraints specify that primary key values can be composite B. Entity integrity constraints are specified on individual relations. C. Entity integrity constraints are specified between weak entities. D. When entity integrity rules are enforced, a tuple in one relation that refers to another relation must refer to an existing tuple.
5	Description on particular collection of data using data model	A. Schema B. Relation C. Data base D. None of the above
6	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
7	Who is responsible for authorizing access to the database, for coordinating and monitoring its use? Select correct option:	A. Database Designer B. Database Administrator C. End User D. Application Programmer
8	Which of the following statements are Data Definition Language command?	A. INSERT B. UPDATE C. GRANT D. TRUNCATE
9	User rights information is stored in	A. Physical database B. Catalog C. Logical database D. Buffer
10	Which of the following is not one of the properties of Transaction?	A. atomicity B. consistency C. redundancy D. durability
11	Which of the following is NOT a feature of a good interface?	A. Consistency B. Process based C. Data structure based D. User friendly
12	Which of the following is true about NOT NULL constraint?	A. enforce domain integrity B. limit the values that can be placed in a column C. prevents any actions that would

		destroy links between tables with the corresponding data values D. enforces the uniqueness of the values in a set of columns
13	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
14	Which of the following is NOT a feature of Indexed sequential files?	A. Records are stored in sequence and index is maintained B. Dense and nondense types of indexes are maintained C. Track overflows and file overflow areas can not be ensured. D. Cylinder index increases the efficiency
15	While recovering data, which of the following files does a recovery manager examines at first?	A. A system file B. Log file C. Data dictionary D. Metadata
16	A _____ is used to maintain a connection between the users of the database system.	A. Mail server B. File Server C. Client-serve D. None of the given.
17	Select the correct statement among the following on proper naming of schema constructs:	A. Entity type name applies to all the entities belonging to that entity type and therefore a plural name is selected for entity type. B. In the narrative description of the database requirements, verbs tend to indicate the names of relationship types. C. The nouns arising from a database requirement description can be considered as names of attributes D. Additional nouns which are appearing in the narrative description of the database requirements represent the weak entity type names.
18	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
19	Identify the factor which enforces a relation in 3NF?	A. Every non-key attribute is fully functionally dependent on primary key B. Every non-key attribute is partially dependent on super key C. The domain of attribute must include only atomic values. D. Every non-key attribute is non-transitively dependent on primary key.
20	A relation (from the relational database model) consists of a set of tuples, which implies th	A. Relational model supports multi-valued attributes whose values can be represented in sets. B. for any two tuples, the values associated with all of their attributes may be the same C. for any two tuples, the values associated with one or more of their attributes must differ. D. all tuples in a particular relation may have different attributes.