

CS-403 Final Term Exams Preparation Virtual University

Sr	Questions	Answers Choice
1	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
2	Which of the following is a feature of PRIMARY KEY constraint?	A. unique identifier for a row within a database table. B. allow any actions that would destroy links between tables C. limit the values that can be placed in a column. D. enforces that the column will only accept null values.
3	Which of the following enforces a relation into 1st normal form?	A. The domain of attribute must include only atomic values B. Every non-key attribute is fully functionally dependent on primary key C. non-key attribute is non-transitively dependent on primary key. D. Every non-key attribute is partially dependent on super key
4	Consider the following statements. A. An entity integrity constraint states that no primary key value can be null. B. A referential integrity constraint is specified between two relations. C. A foreign key cannot be used to refer to its own relation. Identify which of the above statements is/are correct	A. Only A B. Only B C. B and C D. A and B
5	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.
6	A description on a particular collection of data using the given data model	A. Database B. Schema C. None of the above D. Relation
7	A weak entity type	A. must have total participation in an identifying relationship B. does not have a key attribute(s) C. both (a) and (b) D. none of the above
8	A collection of related data is	A. Logical model B. Database C. Data D. Relational model
9	Which of the following statements is correct with respect to the two relations given above?	A. The two relations are not union-compatible since their attribute names differ. B. The set operations such as CARTESIAN PRODUCT and DIVISION can be applied on these two relations. C. To find out those students who work as instructors, it is necessary to perform the operation Student \cap Instructor. D. CS403-MIDTERM SOLVED MCQS with references by MOAAZ(2).pdf
10	Which of the following is true about relational schema?	A. The sequence of columns is significant B. The sequence of rows is significant. C. Contains only derived attributes. D. Values are atomic