

Multiple Choice Questions

Q 1: How many table views are available in MS - Access?

- (A) 1 (B) 2 (C) 3 (D) 4

Q 2: The following is the fundamental concept of relational database:

- (A) Query (B) Table (C) Form (D) Report

Q 3: In a relational database, a single piece of information is called:

- (A) Field (B) Attribute (C) Entity (D) Both A & B

Q 4: Following view is used to add, edit and delete records form the table:

- (A) Design View (B) Record view (C) Datasheet View (D) Edit View

Q 5: Following menu in MS - Access contains commands that can be used to switch between table views:

- (A) File (B) View (C) Edit (D) Tool

Q 6: Following is the object of MS - Access database file:

- (A) Queries (B) Tables (C) Forms (D) All of these

Q 7: _____ is the interface between the user and the database:

- (A) Data (B) Degree (C) IDE (D) Desktop

Q 8: _____ object is used to enter data into the database:

- (A) Tables (B) Forms (C) Reports (D) Query

Q 9: Following is the default field size of Text data type in MS - Access:

- (A) 100 (B) 50 (C) 255 (D) 150

Q10: Following type of field cannot be used as key field:

- (A) Memo (B) Auto Number (C) Text (D) Number

Q11: Following type of field is used to store the URL address of any website:

- (A) Text (B) Hyper Link (C) OLE object (D) Memo

Q12: Following controls the value of record and sets it in a specific format:

- (A) Field Validation Rules (B) Input Mak (C) Caption (D) Indexes

Q13: Following allows to query and records faster while using MS - Access:

- (A) Key (B) Primary key (C) Index (D) All of these

Q14: For following data type , user does not require to enter data for that field:

- (A) Number (B) Auto Number (C) Automatic Number (D) Memo

Q15: What symbol indicates that you are editing a record ?

- (A) Pencil (B) Black arrow (C) Key (D) Asterisk

Q16: The following buttons to find and Replace dialog is clicked to start the search process?

- (A) Find (B) Find next (C) Search (D) Next

Q17: The rule in which a record from a table cannot be deleted if its associated record exists in a related table is called:

- (A) Referential Integrity (B) Normalization
 (C) Entity - Relationship (D) Entity Integrity

Q18: An association established between common fields in two tables is called:

- (A) Entity (B) Relationship (C) Entity - Relationship Model (D) Integrity

Q19: Following menu is used to sort data in Microsoft Access:

- (A) Tools (B) Data (C) Records (D) Query

Q20: Following is the resulting collection of records:

- (A) Form (B) Query (C) Dynaset (D) Report

Q21: Which wildcard replaces one character only?

- (A) * (B) ? (C) : (D) !

Q22: The graphical query tool is known as:

- (A) Query grid (B) Design grid (C) Query form (D) Design form

Q23: Following is an example of wildcard character:

- (A) ? (B) * (C) ! (D) Both A & B

Q24: Following type of query displays a dialog box a get information form user?

- (A) Select (B) Append (C) Parameter (D) Crosstab

Q25: To find a name that start with S, the criteria is written as:

- (A) S # ? (B) S # (C) ? S (D) S * 

Q26: The following type of query is used to perform calculations on the data of numeric field(s):

- (A) Select Query (B) Delete Query (C) Parameter Query (D) Crosstab Query

Q27: How find four name that starts with H , the criteria is specified as?:

- (A) H * a (B) H ? 4 (C) H ??? (D) H # #

Q28: To find all names start with M , from table the criteria is:

- (A) Like " M? " (B) Like "M-" (C) Like "M#" (D) Like "M*"

Q29: How many types of relationship?

- (A) 2 (B) 3 (C) 4 (D) 5

Q30: In a relational database, a single piece of information is called:

- (A) Field (B) Record (C) Entity (D) Both A & B

Q31: The rule that a record from a table cannot be deleted if its associated record exists in a related table is called rule

- (A) Referential integrity (B) Normalization
 (C) Entity ___ relationship (D) All of them

Q32: To find a four - character name that starts with H , the criteria is specified as:

- (A) H * 4 (B) H ? 4 (C) H ????? (D) H #####

Q33: Which of the following buttons of Find and Replace dialog box is clicked to start the search process?

- (A) Find (B) Find Next (C) Search (D) Next

Q34: The relationship between countries and their capitals is an example of ___ relationship:

- (A) One-to-one (B) One-to-many (C) Many-to-many (D) None of them

Q35: _____ table views are available in Microsoft Access:

- (A) 1 (B) 2 (C) 3 (D) 4

Q36: Which view is used to add, edit or delete record from table?

- (A) Record View (B) Design View (C) Datasheet View (D) Edit View

Q37: The column of a table corresponds to:

- (A) Table (B) Field (C) Record (D) Cell

Q38: Which symbol indicate that you are editing a record?

- (A) Pencil (B) Black arrow (C) Key (D) Asterisk

Q39: Which key is used to move field to field in table window in datasheet view?

- (A) Tab (B) Esc (C) Enter (D) Spacebar

Q40: Find and Replace command is found in:

- (A) File Menu (B) Tool (C) Edit Menu (D) View Menu

Short Questions**Q1: What is a table?**

Ans: A table is a collection of rows and columns. Each intersection of row and column is called a cell. Cell is the place where data is placed. Table is the fundamental object of relational database.

Table is also known as relation. Each row represents a tuple and each column represents an attribute of an entity. Table or relation itself represents an entity.

Q2: What is meant by the degree of relation?

Ans: The number of fields of a relation is called the degree of the relation. A table's degree is specified at the time of creation. But as a rule it can be changed at any time. Change in degree of a table may cause data loss.

Q3: What is meant by the cardinality of the relation?

Ans: The number of records in a table is called the cardinality of that table. Cardinality of a table changes as new records are added or previous records are deleted. For example a table having 40 rows/records has cardinality 40.

Q4: What are two table views available in Microsoft Access?

Ans: Design view and Datasheet view.

Q5: What is Text data type?

Ans: It is the default data type of a field in MS Access. It can contain text or combination of text and numbers, as well as numbers that don't require calculations, such as phone numbers. Its size is 255 characters or the length set by the Field Size property, whichever is less. Microsoft Access does not reserve space for unused portions of a text field.

Q6: What is Memo data type?

Ans: A text type field that can contain more than 64000 characters. It is used for long description.

Q7: What is Number data type?

Ans: This field is used to store numeric data for mathematical calculations. Size of this data type can be 1, 2, 4 or 8 bytes (16 bytes if the Field Size property is set to Replication ID).

Q8: What is the AutoNumber data type?

Ans: A unique sequential (incremented by 1) number or random number assigned by Microsoft Access whenever a new record is added to a table. AutoNumber fields can't be updated. Its size is 4 bytes.

Q9: What is the use of Default view?

Ans: In some cases, the value of all records in a certain field is same. A default value can be set in this case. The user does not need to type the same value again and again. The property set the default value is used to set default value for a field.

Q10: What is sorting?

Ans: Arrangement of data in a particular sequence is called sorting. The sequence can be in ascending or descending order.

Q11: What is referential integrity?

Ans: Referential integrity is a system of rules that ensures that relationships between records in related tables are valid and that you don't accidentally delete or change related data. To enforce referential integrity both tables must have at least one common field, which have same data type and size.

Q12: What is a query?

Ans: A query is a question that requires some data from the database. A query is created by specifying fields to display their from a table or another query. It can also specify condition for extracting data. Queries select records from one or more tables in a database.

Q13: What is a join?

Ans: A query that extracts data from multiple tables is called join. It uses the relationship of tables to get data.

Q14: What are wildcards?

Ans: Wildcards is a special symbol that is used in queries to search data. Some important wildcards are *, ? and #. Wildcards characters are meant to be used with fields that have the Text data type. You can sometimes use them successfully with other data types, such as dates.

Q15: Define criteria in a query.

Ans: A condition used to limit the number of rows extracted from database is called criteria. For example, instead of viewing all the suppliers that your company uses, you can view just suppliers form China. To do this, you specify a criterion that limits the results to records whose Country field is "China".

