



DATABASE & Multimedia File Types

1. What is the difference in DBMS and RDBMS?
2. What is the difference in Number and Autonumber data types?
3. Write the difference between Text and memo data types..
4. What is the use of OLE data type?
5. What is the difference in PNG and GIF format?
6. Define following Primary Key, Foreign Key, Candidate Key, Alternate Key, tuple, cardinality, degree and relation
7. Write the difference between Text and memo data types.
8. Difference between Design View & Datasheet View
9. Name the following
 - a) A data type used for linking to an internet or another location in the database.
 - b) A built in set of rules Access uses to make sure that the relationship is valid . it can also
 - c) prevent accidental deletion or editing of data.
 - d) An attribute which is capable of becoming a primary key.
 - e) The view in which we can add, edit and view records in MS-Access.
 - f) A data type which can be used to automatically store monetary values with appropriate sign, commas and decimals.
 - g) A part of the Microsoft Office suite that is used to create and manage databases
10. Study the following-data and answer the questions given below :

Table: Customers

| Customer | Cust_No | Acct_Createdt | Amount |
|----------|---------|---------------|--------|
| Manish | CNR_101 | 21/03/2001 | 450000 |
| Rahul | CNR_204 | 03/04/2001 | 250000 |
| Manpreet | CNR_375 | 15/01/2001 | 350000 |
| Rajen | CNR_424 | 24/06/2001 | 650000 |

Table: Transactions

| Trxn_ID | Cust_No | Trxn_Date | Withdrawal_Amt |
|------------|---------|------------|----------------|
| 2310201201 | CNR_101 | 23/10/2012 | 14500 |
| 2410201202 | CNR_101 | 24/10/2012 | 1500 |
| 2110201203 | CNR_375 | 21/10/2012 | 12000 |
| 2410201204 | CNR_424 | 12/10/2012 | 16000 |

- i. Name the field, which can act as the primary key for the table **Customers** and the table **Transactions** respectively.
 - ii. Name the field, which can act as the foreign key for the table **Transactions**.
 - iii. What are the Cardinality and Degree of the table Customers ?
11. Mr. RAM has to work on a website, he has to collect the photographs that is in different –different formats, How he will convert the photographs into GIF format?
 12. Mr. Preet is finding problem to open a file in PDF format. Which software should be loaded to open the same file.
 13. Write the difference between GIF and JPEG image.
 14. Write the full form of MPEG.
 15. What is the use of Publish Preview ? Write the steps to do so.
 16. Give the full forms and a difference between .DAT and a .GIF file with respect to multimedia.
 17. Give two differences between AVI and MPEG file formats.
 18. Name the extension of the file created when a Flash movie is published using a Macintosh projector.
 19. Ms Suhita (topper of the last year) has created a flash movie for launch of a new project. Mr. Sunil Nehra Expert feels that the animation is excellent but is running a little too slow. What should Sunil do to make the animation run faster without designing a new one?
 20. What are Video Conferencing and Virtual Reality ?
 21. Write the difference between MPEG and AVI format.
 22. Differentiate between the .FLA and .SWF file formats of a Flash movie.