INDIAN SCHOOL AL WADI AL KABIR

Class: X	Department: Computer Science
WORKSHEET 2 PART B UNIT 3	**INFORMATION TECHNOLOGY (402)** **Database Management System Using LibreOffice Base** **Starting with LibreOffice Base**

1 mark Questions

1. Read the following statements and answer the following:
   Statement A: A table has a defined number of columns but can have any number of rows.
   Statement B: Each row is identified by its columns name.
   a) Statement A is correct b) Statement B is correct c) Both are correct d) Both are incorrect

2. The _____ provides the structure according to which the rows are composed.
   a) table b) tuple c) record d**) column**

3. Yashvi is confused in what are the basic building blocks of the database? Suggest the appropriate option?
   a) Forms b) Queries c) **Tables** d) Reports

4. Priya is searching the ways to create a table in the Libre Office base. Choose the correct option for her:
   a) draw a table, insert a table b**) create a table in design view, use the wizard to create a table**
   c) create a table from scratch, create table from existing d) All of these

5. Which of the following option is not present in the table design view?
   a) Field Name b) Field Type c) Description **d) Remarks**

6. The _____column in table design view provides an option select required datatype for the field?
   a) Field Name **b) Field Type** c) Field Description d) Field Remarks

7. The explanatory text about field can be written in the _____ column in table design window.
   a) Field Name b) Field Type c**) Field Description** d) Remarks

8. Rahul is working on the last step of creating a table using design view, where he got the message to assign primary key. He clicks on the Yes button. What will happen in this case?
   a) It will add a column ID as primary key
   b**) It will select the first column as the primary key**
   c) It will not create any primary key but provides an option to select the column
   d) It will open the similar window

9. Which of the following data type allows to store files like photos, videos or audio files?
   a) Longvarchar b) Boolean c**) Binary** d) Object

10. In datasheet view you can save the active record using
    a) File -> Save record b) **File -> Save current record**
    c) File -> Save present record d) File -> Save active record

11. Nainesh wants to know about the term used in the database which identifies the type of data to store values in the particular field, which of the following is the correct option?
    a) Data Types b) Values c) Constraints d) Queries

12. Kalpesh wants to store city names in one of the fields for his table in the database. Which of the following datatype will be useful for him?
    a) Boolean b) integer **c) varchar** d) binary
13. Which of the following is not a supported numeric data type by OO base?
    a) Numeric Types b) **Alphanumeric Types** c) Float d) Decimal
14. Which of the following option generated automatics field value in a table?
    a) Increment Value b) Automatic Value **c) Auto Value** d) Default Value
15. Naina wants to set date in DD/MM/YYYY format for her field Date Of Joining in table employee. Suggest the field properties can be used for the same:
    a) Auto Value b**) Format Example** c) Set Format d) Apply Format

SUBJECTIVE TYPE QUESTIONS

16. Differentiate between:
    (a) Memo and Varchar data type
    (b) Number and Decimal data type
    (c) Design View and Datasheet view of a table

    a)**Memo-**Its data type is LONGVARCHAR. Stores up to the maximum length indicated by user. It is used to store some descriptive data having more than 255 characters. Memo data type allows to store text data up to 64,000 characters.

    Text - Its data type is VARCHAR. Stores upto the specified length. The number of bytes allocated depends on the number of characters entered by the user. For example, the address is defined as varchar (50), and if the address entered by the user is of 20 characters then only 20 bytes will be occupied in the database.

    b) **Number and Decimal data** type are numeric data types consists of numbers on which any type of arithmetic calculations can be performed. If it is number it can have sign and the length is unlimited. If its decimal datatype it can have number with decimal points and sign. The size is unlimited

    (c) Design View and Datasheet view of a table:

    Datasheet view shows the data in the database. It also allows you to enter and edit the data. It does not let you change the format of the database, other than minor changes (such as displayed column widths). Design view allows you to create or change the table, form, or other database object, and configure the fields.

17. Name the menu items present on the Base User Interface.
    Menu Bar – The menu bar appears below the title bar. It consists of seven menu items – File, Edit, View, Insert, Tools, Window and Help. All these menu items contain commands that help to perform various operations on the database.

18. How can we define a primary key in a table?
    The primary key is a unique identifier for the table. The column or combinations of columns that form the primary key have unique values. At any time, no two rows in the table can neither have same values for the primary key nor can data value for such field be left blank.

19. Write steps to sort the table in descending order of primary key.
    Step 1. Open the Event table in datasheet view and select the field (primary key)on which you want to sort.
    Step 2. From the tool bar click Sort Descending icon if the table has to be sorted in Descending order of selected field.
    Step 3. The table will be sorted in the Descending order based on primary key.

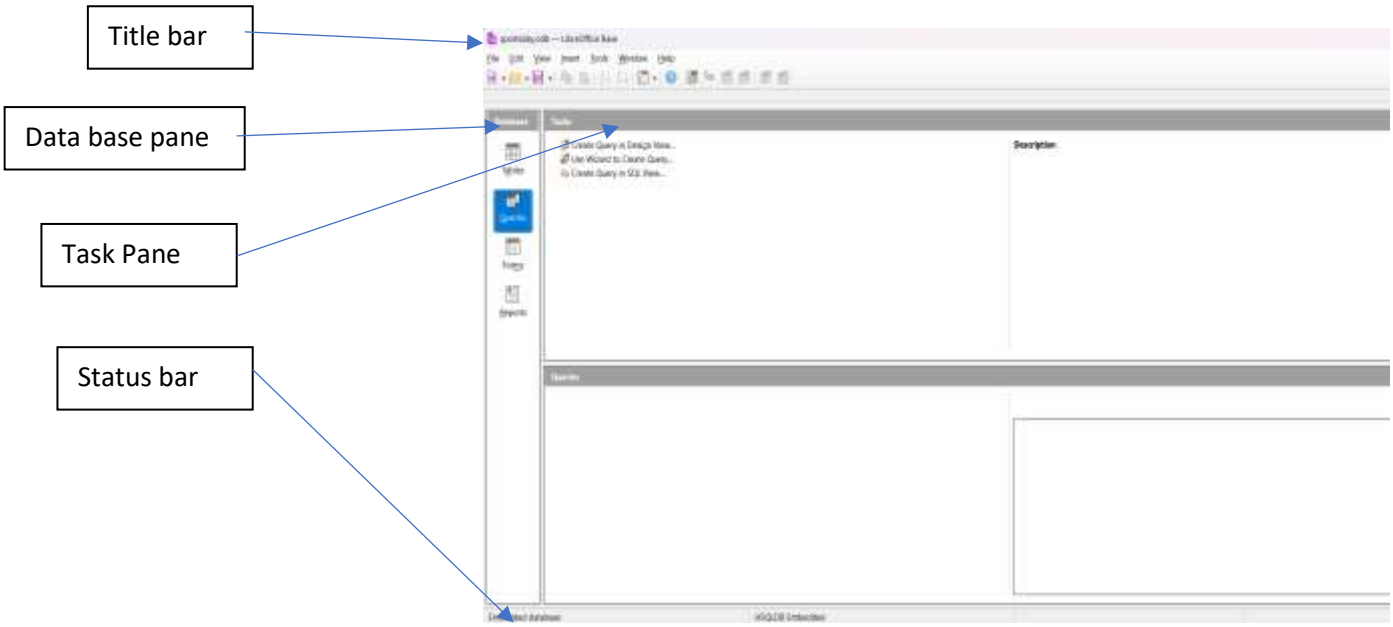
20. What is the use of navigation box with respect to tables in a database?
    The various components of Navigation Box are as follows:
    • Record Selector Box – T his is the text box where the currently active record number is displayed. We may enter the record number that we want to see in this text box.
    • Navigation Buttons – These are used to scroll vertically in the table.

    Press  to move to the first record

Press ► and ◄ to move to the next and previous records respectively.

Press ▶| to move to the last record

21. Label the components – Title Bar, Database Pane, Tasks Pane, Status Bar of the LibreOffice Base User Interface.



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