Answer Key- REVISION WORKSHEET
Class: VIII A/B
SUBJECT: COMPUTER SCIENCE

A. Choose the correct answer. [Options will be given]

1. Which icon indicates the edit mode in Access? Pencil

2. Which is the most used network card? Ethernet network card

3. Which network among the following requires a single communication line or one main cable?
   Bus topology

4. The field that is designated as the ………………… key can neither have duplicate data nor can it be left blank.
   Primary Key

5. A ……. is a computerized record keeping system that enables you to create, modify, store and extract information from a database. DBMS (Data Base Management System)

B. Write True or False.

11. In the client-server network, there is no central server. False

12. A set of characters that represents a valid value is known as data. True

13. You can set the properties of a field in the design view only. True

14. Currency data type is used to store currency values. True

15. Mesh topology can handle a large volume of data traffic. True

C. Fill in the blanks.   [Options will be given]

16. ..…… is a computer network created for a person. PAN

17. A …………………. uniquely identifies each record in a table. Primary Key

18. A ……. Stores the complete data in a structured manner, i.e. in the form of rows and columns.
    Relational Databse

19. ……………. provide a user-friendly interface that facilitates the process of entering data into tables and queries.Forms

20. …………………….. data type is used for descriptive fields. Long text

D. Answer the following questions.

21. Difference between hub and switch.
    Hub:
    Hub provides broadcast service. When a computer sends request in a network it is first sent to the hub by the cable. The hub then transmits that request to all the computers in the network, which check whether the message belongs to them or not. if not, the messages dropped this processing is called broadcasting.
    Switch:
    Switch provides a multicast service. A switch works like a hub, But the switch does not broadcast the message on the entire network. It transmits the message from the source computer to the destination Computer.

22. What is the utility of a filter in a datasheet view?
    Filter option is used to view the specific records of a table in data sheet.

23. What are Data Types? List the various data types available in Access
A fields data type represents what type of data you can enter a field.

1. Short text: It is used to store text or a combination of text and numbers that does not require calculations. The fields with this data type can have a maximum of 255 characters.
2. Long text: It stores the text and numbers up to 65536 characters.
3. Number: It stores the numeric information. The maximum size of a number field can be 16 bytes.
4. Date/time: It stores date and time values.
5. Currency: Stores currency values up-to 8 bytes.
6. AutoNumber: It generates are sequential number when never a new record is added to a table.
7.Yes/No: It is used at places where the field can have only one possible value that is Yes or No.

24. Distinguish between LAN and WAN.

LAN :
   1. It stands for Local area network.
   2. Two or more computers and peripheral devices are connected within a small area, such as a room, an office building or a campus.
   3. In LAN computers are physically connected with wires.

WAN:
   1. It stands for wide area network.
   2. It connects to or more computers located at distant places such as countries, continents etc.
   3. They are linked by communication facilities like telecommunication or satellite signals.

25. Define any 2 elements of a table.
   1. Fields: All the columns in a table are called fields. A field describes a particular attribute of all the records in a table.
   2. Records: The rows in a table are called records. A record has the values for all the fields that belong to a single person or an entity.
   3. Data: a set of characters that represent a valid value is known as Data.

26. What is the full form of DBMS? Write any two advantages of a DBMS.

   DBMS full form Database management system.

   A DBMS is a computerized record Keeping system that enables you to create, modify, Store, and extract information from a database.

27. Define Tables.

   A table is a collection of data elements organized in rows and columns.

28. Difference between a Form and a query.

   Queries: To retrieve the filtered data from a database, queries are used, based upon some conditions.

   Forms: Forms provide a user-friendly interface that facilitates the process of entering data in tables and queries.

29. Define Database. Write two advantages of using a database.

   A database is an organised Collection of data. It helps you to enter, manage, access and analyses a large amount of information quickly and efficiently.