

Topics: 2.2 storing data, 2.3 using data

Worksheet # 2

Class: IV

Name: _____

Q1. Fill in blanks using given word bank.

sorting	rows	alphanumeric	record	fields	columns
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1. Database is organized into _____ and _____.
2. Column has a _____ to tell us what data is being stored.
3. Each row in a database is called _____.
4. In some database there is datatype called _____, allow both numbers and text.
5. Organizing data into order is called _____.

Q2. Match the Columns.

Column A	Column B
Text data type	54
Number data type	Yes/No
Boolean data type	£
Special data type	Zara

Q3. Identify the following true and false.

Statements	True/False
1. Sorting data means putting data in order.	
2. Sorting is helpful to find information quickly.	
3. Sorting and filtering both are same in working.	
4. Fields are the rows and Records are the column.	
5. We sort data alphabetically or numerically.	

Q4. Answer the following questions.

1. State ONE difference between field and record.

2. If a field is set to the data type 'Number', what kind of data can you enter in it?

3. Which data type would you use to store the name of a person?

4. Use this database and answer the following questions.

Fruit Name	Quantity	In Stock	Price (Rs)
Apple	20	Yes	50
Banana	35	No	30
Orange	25	Yes	40
Mango	15	No	60

a. How many **fields are here in database?**

b. How many **records are here in database?**

c. Which field in the database uses the Boolean data type?

d. What data type is most suitable for the **Price (Rs)** field?

5. Use this database and answer the following questions.

Name	Age	Height (cm)	Favorite Color
Ali	10	140	Blue
Sana	9	135	Red
Ahmed	11	145	Green
Maria	10	138	Yellow
Bilal	12	150	Blue

a. If you sort the table by **Age (smallest to largest)**, which student will come first?

b. If you sort the table by **Height (tallest to shortest)**, who will be at the top of the list?

c. How many students have the **same favorite color**? Name them.

d. If the table is sorted **alphabetically by Name**, which student's name will come last?
