



MATHS

BOOKS - RS AGGARWAL MATHS (HINGLISH)

DATA HANDLING

Example

1. Given below is the data showing the number of children in 20 families of a colony:

2,1,3,1,2,1,1,3,2,3,2,3,2,2,4,3,1,4,3,2

Arrange the above data in an ascending order and then put it in the tabular form.



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2. A dice was thrown 30 times and the following outcomes were noted:

4,3,3,2,5,4,4,6,1,2,2,3,4,6,2,3,3,4,1,2,3,3,4,5,6,3,2,1,3,4.

Represent the above data in the form of frequency distribution.



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Exercise 22

1. Define the terms:

(i) Data

(ii) Raw data

(iii) Array

(iv) Tabulation of data

(v) Observations

(vi)

Frequency of an observation

(vii) Statistics



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2. The number of children in 25 families of a colony are given below:

2,0,2,4,2,1,3,3,1,0,2,3,4,3,1,1,1,2,2,3,2,4,1,2,2.

Represent the above data in the form of a frequency distribution table.



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3. The sale of shoes of various sizes at a shop on a particular day is given below:

6,9,8,5,5,4,9,8,5,6,9,9,7,8,9,7,6,9,8,6,7,5,8,9,4,5,8,7.

Represent the above data in the form of a frequency distribution table.



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4. Construct a frequency table for the following:

3,2,5,4,1,3,2,2,5,3,1,2,1,1,2,2,3,4,5,3,1,2,3.





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5. Construct a frequency table for the following:

7,8,6,5,6,7,7,9,8,10,7,6,7,8,8,9,10,5,7,8,7,6.



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6. Data means information in the form of.....



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7. Data obtained in the.....form is called raw data.

A. Original

B. Not defined

C. Collective

D. None of these

Answer: A



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8. Arranging the numerical figures in an ascending or a descending order is called an.....



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9. The number of times a particular observation occurs is called its.....



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10. Arranging the data in the form of a table is called.....



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