



INDIAN SCHOOL NIZWA - WORKSHEET

STATISTICS

Ch -4 Presentation of Data

Name: _____

Date: _____

Class:XI Sec: _____

One mark questions

1. What is meant by tabulation?
2. Define caption as a part of table.
3. What is meant by manifold table ?
4. Define the bar diagrams.
5. Give the meaning of the sub-divided bar diagrams.
6. Define pie-diagram.
7. What is meant by histogram ?
8. Give the meaning of frequency curve.
9. Write the name of the curve which is formed by joining mid point of the top of all rectangles in histogram in straight lines.
10. Define the ogive curve.

Multiple Choice Questions

11. **For presenting the 12th class exam results of different faculty (Science, Commerce and Arts) of a school pertaining the last 3 years in an impressive way, which of the following digrams will be suitable:**
 - (a) Simple bar diagram
 - (b) Multiple bar diagram
 - (c) Sub-divided bar diagram
 - (d) Both (b) and (c)
12. **Which of the following information can be derived with the help of histogram?**
 - (a) Mean
 - (b) Median
 - (c) Mode
 - (d) Correlation

13. Choose the correct match:

- (a) Diagram formed by joining \Rightarrow Ogive
mid points of the tops of all
rectangles in a Histogram
- (b) Diagram which show total \Rightarrow Sub-divided bar diagram
value as well as part values of
a set of data simultaneously
- (c) One dimensional diagram \Rightarrow Frequency polygon

14. Bar diagram, in which height of all bars are equal is known as _____.

15 . The title given to the vertical columns of a table is called:

- (a) Title
- (b) Stubs
- (c) Caption
- (d) Both (b) and (c)

16. In Arithmetic line graphs, which of the following is shown on X axis:

- (a) Income
- (b) Expenditure
- (c) Time
- (d) All (a), (b) and (c)

17. If a family spends 30% of their income on food, then to present it in pie diagram, how many degrees of angle is formed:

- (a) 96°
- (b) 108°
- (c) 120°
- (d) 132°

18. Which of the following can be calculated through "Ogive"

- (a) Mean
- (b) Median
- (c) Mode
- (d) Correlation

Three & Four Marks Questions

1. State three features of a good table.
2. State the merits of tabular presentation.
3. Define pie-diagram. Write the steps of making pie-diagram.
4. State any three differences between tabulation and diagrammatic presentation.

5. Present the following data by multiple bar diagram. Number of students in respective classes/sections (year wise) give below:

Year	XI A	XI B	XI C
2011-12	500	300	200
2012-13	600	250	300
2013-14	700	350	400

6. Present the following data of final consumption expenditure of family with the help of a pie-diagram.

Items	% of Income Spent
Cloths	15
Food	60
Education	10
Electricity	5
Others	10

7. Make a pie diagram from following data :

Marks	No. of students
0-9	4
10-19	17
20-29	25
30-39	32
40-49	13
50-59	9

Six Marks Questions

1. Explain the main parts of a table.
2. Explain the precautions while constructing of an ideal table.
3. Draw ogive curve less than and more than with the help of following data .

Marks	No. of students
0-10	7
10-20	12
20-30	15
30-40	30
40-50	22
50-60	14

4. Make a frequency polygon or frequency curve.

Marks	No. of students
30-35	10
35-40	12
40-45	20
40-45	26
45-50	20
50-55	38
55-60	28
60-65	18
65-70	12