

INTERNATIONAL INDIAN SCHOOL
BURAIDAH

Worksheet For The Academic Year 2024-25

CLASS: IX SUBJECT: Mathematics DATE: 07/06/2024
LESSON-14 Statistics

- 1) A _____ can be used for comparison of data.
(bar graph , frequency polygon , histogram , pi chart)
- 2) Draw a bar graph for the following data:

a)

Game	No.of students
Cricket	27
Football	36
Basket ball	18
Tennis	12

b)

Time	Temperature
5am	20°C
8am	24°C
11am	26°C
1pm	22°C
2pm	18°C

- 3) Draw a histogram for the following data:

a)

Class-interval	Frequency
8 – 13	320
13 – 18	780
18 – 23	160
23 – 28	540
28 – 33	260
33 – 38	100
38 – 43	80

b)

Class-interval	Frequency
300 – 400	14
400 – 500	56
500 – 600	60
600 – 700	86
700 – 800	74
800 – 900	62
900 – 1000	48

4) Draw a histogram for the following data:

a)

Class-interval	Frequency
10 – 14	5
14 – 20	6
20 – 32	9
32 – 52	25
52 – 80	21

b)

Marks	No.of students
5 – 10	6
10 – 15	12
15 – 25	10
25 – 45	8
45 – 75	18

5) Draw a frequency polygon for the given data:

a)

Classes	Frequency
10 – 20	5
20 – 30	10
30 – 40	13
40 – 50	9
50 – 60	6
60 – 70	2

b)

Marks	No.of students
20 – 25	30
25 – 30	24
30 – 35	52
35 – 40	28
40 – 45	46
45 – 50	10

6) Draw a frequency polygon and compare whose performance is better.

Scores	Team-A	Team-B
32 – 34	13	22
35 – 37	12	17
38 – 40	20	12
41 – 43	18	8
44 – 46	15	4
47 – 49	10	5
50 – 52	4	7