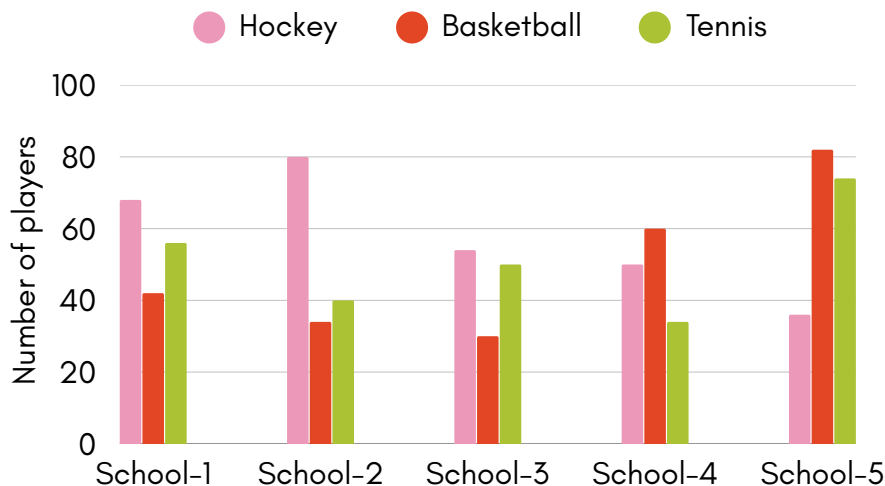# DATA HANDLING

Worksheet 4

KNOWLEDGE IS THE COMPASS THAT GUIDES AMBITION

Direction (1 – 2) : Answer the questions on the basis of the information given below :

● Hockey   ● Basketball   ● Tennis

1. In which school is the number of players participating in Hockey and Basketball together second highest ?

A. School – 1   B. School – 2   C. School – 3   D. School – 4

2. What is the total number of players players participating in Tennis from all the five schools together ?

A. 324   B. 288   C. 342   D. 250

3. A hat contains 5 red balls and 7 green balls. If a ball is drawn at random, then what is the probabilty that it is a red ball?

A. $\dfrac{5}{22}$ B. $\dfrac{5}{12}$ C. $\dfrac{7}{12}$ D. $\dfrac{3}{12}$

4. Look at the given data.

22, 10, 29, 32, 5, 37, 14, 12, 23, 42, 15, 38, 26, 32, 18, 26, 28, 19, 27, 35, 31, 24, 37, 19, 20

The frequency distribution is given below :

P

Groups	Tally Marks	Frequency
0 – 10	I	1
10 – 20	||||| II	7
20 – 30	||||| ||||	9
30 – 40	||||| |||	8
40 – 50	I	1

scroll down for Answer key

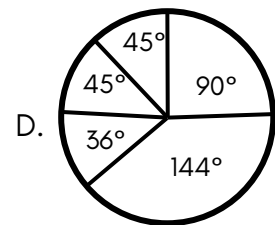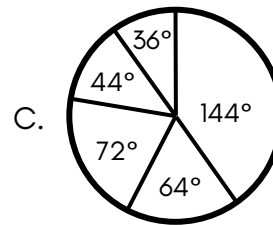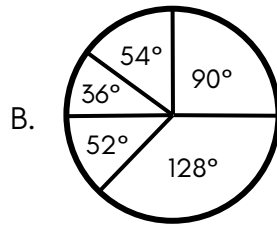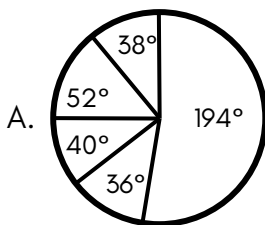| Groups	Tally Marks	Frequency
0 – 10	|	1
10 – 20	~~||||~~ ||	7
20 – 30	~~||||~~ ~~||||~~	10
30 – 40	~~||||~~ ||	7
40 – 50		0

Which of the following tables is the frequency table of the given data ?

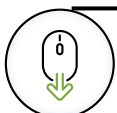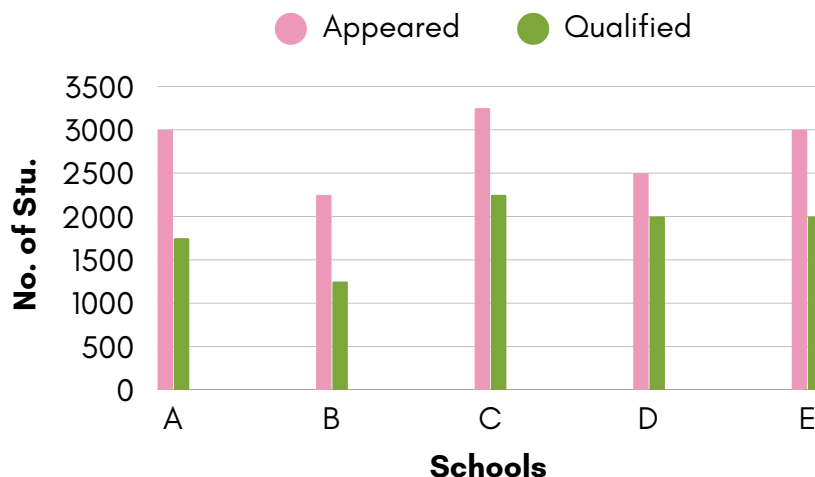A. Only P   B. Only Q   C. Neither P nor Q   D. None of these

5. The expenditure incurred on various things during the construction of a house are given below.

Items	Expenditure (₹ in thousands)
Bricks	180
Cement	80
Timber	90
Steel	55
Wood	45
Total	

Which of the following pie charts exhibits the given information?

A. (pie chart: 38°, 52°, 40°, 36°, 194°)
B. (pie chart: 54°, 36°, 52°, 90°, 128°)
C. (pie chart: 36°, 44°, 72°, 64°, 144°)
D. (pie chart: 45°, 45°, 36°, 90°, 144°)

Direction (6 - 7) : Study the following graph carefully and answer the questions given below:
Total number of Students Appeared and Qualified from Various Schools at a Scholarship Exam
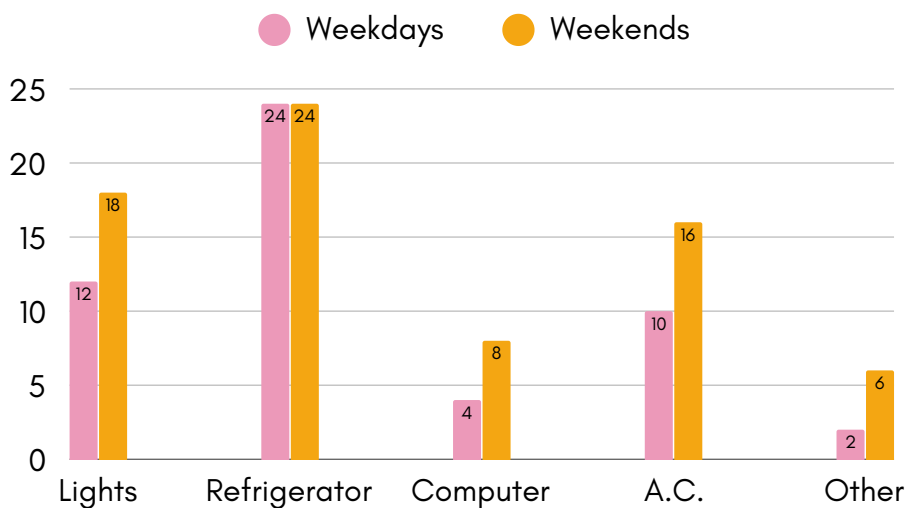
● Appeared   ● Qualified

6. The average number of students qualified in the examination from schools C and D is what percent of the average number of students appeared for the examination from the same schools? (Rounded off to 2 digits after decimal.)

A. 58.62%   B. 73.91%   C. 62.58%   D. 58.96%

---

7. What is the ratio of the number of students qualified in the scholarship examination from school A and the number of students qualified in the examination from school B?

A. 8 : 3   B. 5 : 7   C. 7 : 3   D. 7 : 5

Direction (8 - 9) : The given double column graph compares the average number of hours for which an electrical appliance is used on weekdays and weekends. Study the graph carefully and answer the questions that follows.

8. Which appliance is used half as many hours on the weekdays as it is used on the weekends?

A. Lights   B. Refrigerator   C. Computer   D. A.C.

---

9. What is the total number of appliances used in weekdays?

A. 82   B. 72   C. 154   D. None of these

---

10. One card is drawn from a well – shuffled deck of 52 cards. Find the probability that the number on the card drawn is a multiple of 5.

A. $\dfrac{4}{24}$ B. $\dfrac{4}{13}$ C. $\dfrac{7}{12}$ D. $\dfrac{2}{13}$

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Answer Key

1. B
2. C
3. D
4. A
5. A
6. B
7. C
8. C
9. A
10. A