



Test / Exam Name:
Maths_gr6_ch6_data_handling

Standard: 6th

Subject: Mathematics

Student Name: _____

Section: _____

Roll No.: _____

Questions: 14 Time: 00:50 hh:mm Marks: 30

Instructions

1. Instructions 1. Things to do: 1. Keep the timer and note it down. 2. Make sure that handwriting is proper. 3. Password of the Paper/ Question Paper will be shared only 5 mins prior to the exam. So, kindly ask for the password, when you are ready for the test. 4. Make sure to submit the test paper as per the allotted time. 5. As soon as you complete the paper, send the pdf to me or assigned faculty on your respective WhatsApp group or make a pdf and send it on contact@swottersacademy.com Thank you.

Q1. Directions: In the following questions, the Assertions (A) and Reason(s) (R) have been put forward. Read both the statements carefully and choose the correct alternative from the following: **1 Mark**

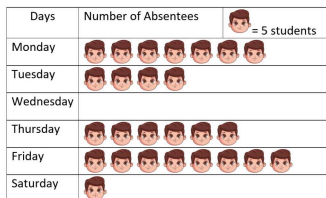
Assertion (A):

Blood Group	Name of Students
A	9
b	6
O	12
AB	3
total	30

Reason (R): The maximum frequency is 9.

- A Both A and R are true and R is the correct explanation of A. B Both A and R are true but R is not the correct explanation of A.
 C A is true but R is false. D A is false but R is true.

Q2. The following pictograph shows the number of absentees in a class of 50 students during the previous week. On which day were the maximum number of students absent? **1 Mark**



- A Saturday B Friday C Thursday D Wednesday

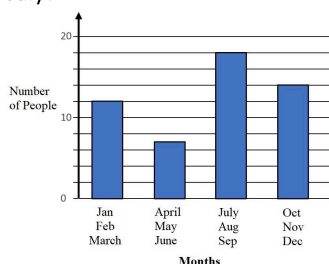
Q3. There are 2 Red, 3 Blue and 5 Black balls in a bag. A ball is drawn from the bag without looking in to the bag. What is the probability of getting a non-blue ball? **1 Mark**

- A $\frac{7}{10}$ B $\frac{3}{5}$
 C $\frac{2}{5}$ D None of these

Q4. The final marks in mathematics of 30 students are as follows: **1 Mark**

53, 61, 48, 60, 78, 68, 55, 100, 67, 90
 75, 88, 77, 37, 84, 58, 60, 48, 62, 56
 44, 58, 52, 64, 98, 59, 70, 39, 50, 60
 How many have scored less than 50?

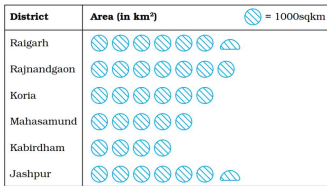
Q5. This chart shows the number of people with birthdays in each three months of the year. How many people have a birthday before July? **1 Mark**



- A 7 B 12 C 19 D None of these

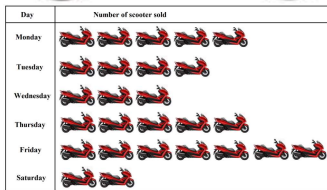
Q6. If $\square\square\square\square\square$ stands for 300, what does $\square\square$ stand for? **1 Mark**

Q7. The following pictograph depicts the information about the areas in sqkm (to nearest hundred) of some districts of Chhattisgarh State: **3 Marks**



1. What is the area of Koria district?
2. Which two districts have the same area?
3. How many districts have area more than 5000 square kilometres?

Q8. The following pictograph shows the number of scooters sold by a company during a week. Scale is used = 6 scooters sold. **3 Marks**



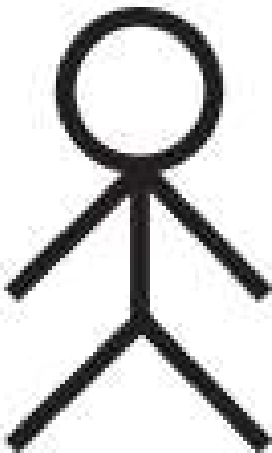
Study the pictograph carefully and answer the questions given below:

1. How many scooters were sold on Monday?
2. How many scooters were sold on Tuesday?
3. On what day of the week was the scale of the scooters maximum? How many scooters were sold on that day?
4. On what day of the week was the scale of the scooters minimum? How many scooters were sold on that day?

Q9. Total number of students of a school in different years is shown in the following table. **3 Marks**

Years	Number of students
1996	400
1998	535
2000	472
2002	600
2004	623

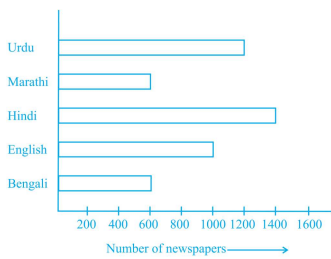
Prepare a pictograph of students using one symbol



to represent 100 students and answer the following questions:

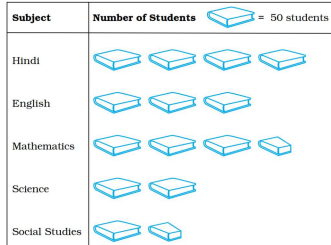
- How many symbols represent total number of students in the year 2002?
 How many symbols represent total number of students for the year 1998?

Q10. The bar graph given below represents the circulation of newspapers in different languages in a town. Study the bar graph and answer the following questions: **3 Marks**
 Scale: 1 unit length = 200 Newspapers



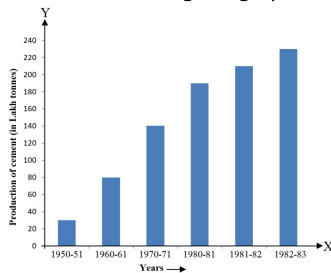
1. What is the circulation of English newspaper?
2. Name the two languages in which circulation of newspaper is the same.
3. By how much is the circulation of newspaper in Hindi more than the newspaper in Bengali?

Q11. A survey was carried out in a certain school to find out the popular school subjects among students of Classes VI to VIII. The data in this regard is displayed as pictograph given below: **3 Marks**



1. Which subject is most popular among the students?
2. How many students like Mathematics?
3. Find the number of students who like subjects other than Mathematics and Science.

Q12. Read the following bar graph and answer the following questions: **3 Marks**



Bar group of the industrial production of cement in different years in India

1. What information is given by the bar graph?
2. What was the production of cement in the year 1980-81?
3. What is the minimum and maximum productions of cement and corresponding years?

Q13. In a study of number of accidents per day, the observations for 30 days were obtained as follows: **3 Marks**

6, 3, 5, 6, 4, 3, 2, 5, 4, 2,
4, 2, 1, 2, 2, 0, 5, 4, 6, 1,
6, 0, 5, 3, 6, 1, 5, 5, 2, 6.

Prepare a frequency distribution table.

Q14. A die was thrown 25 times and following scores were obtained: **3 Marks**

1	5	2	4	3
6	1	4	2	5
1	6	2	6	3
5	4	1	3	2
3	6	1	5	2

Prepare a frequency distribution table.