

Mathematics

(www.tiwariacademy.com)

(Chapter - 9) (Data Handling) (Practice Test 1)

(Class VI)

Time: 1 Hour 15 Minutes

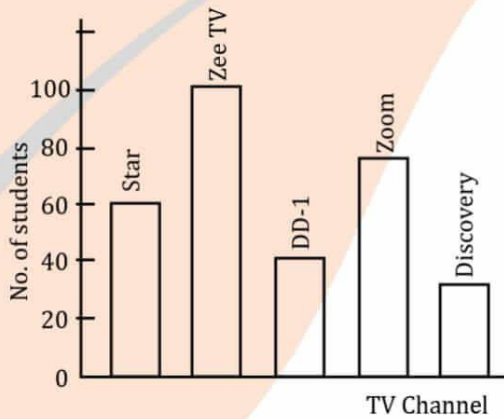
M. M: 25

General Instructions:

- This question paper contains four sections: A, B, C and D. Each part is compulsory.
- Section A has 5 MCQ of one mark each.
- Section B has 3 questions of two marks each.
- Section C has 3 questions of three marks each.
- Section D has 2 questions of five marks each, attempt any 1 out of 2.
- There is no negative marking.

Section - A

Observe the following bar graph and answer the following questions:



- How many students like DD - 1?
(A) 20 (B) 40 (C) 60 (D) 80
- How many students like Star channel?
(A) 40 (B) 60 (C) 80 (D) 100
- Which TV channel is liked by least number of students?
(A) Star (B) DD - 1 (C) Zoom (D) Discovery
- Which TV channel is more favorable?
(A) Star (B) Zee TV (C) DD - 1 (D) Zoom
- How many students like Discovery?
(A) 25 (B) 30 (C) 50 (D) 60

Section - B

- An observation occurring seven times in a data is represented as _____ using tally marks.
- A _____ is a collection of numbers gathered to give some meaningful information.
- State True and False. Pictographs and bar graphs are pictorial representations of the numerical data.

Section - C

- On the scale of 1-unit length = 10 crores, the bar of length 6 units will represent _____ crore and of _____ units will represent 75 crores.

Mathematics

(www.tiwariacademy.com)

(Chapter - 9) (Data Handling) (Practice Test 1)

(Class VI)

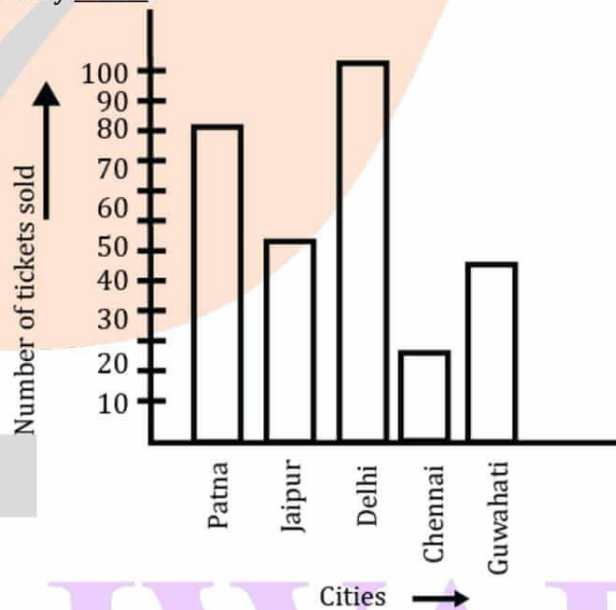
10. In an examination, the grades achieved by 30 students of a class are given below. Arrange these grades in a table using tally marks: B, C, C, E, A, C, B, B, D, D, D, D, B, C, C, C, A, C, B, E, A, D, C, B, E, C, B, E, C, D

11. The number of two wheelers owned individually by each of 50 families are listed below. Make a table using tally marks. 1, 1, 2, 1, 1, 1, 2, 1, 2, 1, 0, 1, 1, 2, 3, 1, 2, 1, 1, 2, 1, 2, 3, 1, 0, 2, 1, 0, 2, 1, 2, 1, 1, 4, 1, 3, 1, 1, 2, 1, 1, 1, 2, 3, 2, 1, 1 Find the number of families having two or more, two wheelers.

Section - D

12. The following graph gives the information about the number of railway tickets sold for different cities on a railway ticket counter between 6.00 am to 10.00 am. Read the bar graph and answer the following questions.

- How many tickets were sold in all?
- For which city were the maximum number of tickets sold?
- For which city were the minimum number of tickets sold?
- Name the cities for which the number of tickets sold is more than 20.
- Fill in the blanks: Number of tickets sold for Delhi and Jaipur together exceeds the total number of tickets sold for Patna and Chennai by _____.



13. The following are the details or the number of students in a class of 30 students presents a week.

Day	Number of Students Present
Monday	24
Tuesday	20
Wednesday	28
Thursday	30
Friday	26
Saturday	22

Represent the above data by a pictograph.

www.tiwariacademy.com

A Free web support in education

Mathematics

(www.tiwariacademy.com)

(Chapter - 9) (Data Handling) (Practice Test 1)

(Class VI)

Answers

Section - A

- 40
- 60
- Discovery
- Zee TV
- 30

Section - B

- In tally marks seven is represented as ||||| .
An observation occurring seven times in a data is represented as ||||| using tally marks.
- We know that, Data is a collection of numbers gathered to give some meaningful information.
- Yes, it is true that pictographs and bar graphs are pictorial representations of the numerical data.
So, given statement is True.

Section-C

- If 1-unit length = 10 crores,
Then 6 units = $6 \times 10 = 60$ crore.
Since 10 crore = 1 unit

$$75 \text{ crores} = \frac{75}{10} = 7.5 \text{ units.}$$

On the scale of 1-unit length = 10 crores, the bar of length 6 units will represent 60 crores and of 7.5 units will represent 75 crores

- Representation of Grades A, B, C, D and E using tally marks is shown below:

Grades	Tally Marks	Number of students
A	III	3
B	II	7
C		10
D	I	6
E	IIII	4

- Table using tally marks is shown below

Number of two wheelers	Tally Marks	No. of families
0	III	3
1		28
2		14
3		4
4		1
Total		50

Number of families having two or more than two wheelers = $14 + 4 + 1$

Section - D

- (a) As per given information, total number of tickets sold is given as = $80 + 50 + 100 + 20 + 45 = 295$
(b) As per given information, city for which maximum number of tickets were sold is Delhi.
(c) As per given information, city for which minimum number of tickets were sold is Chennai.

Mathematics

(www.tiwariacademy.com)

(Chapter - 9) (Data Handling) (Practice Test 1)

(Class VI)







(d) As per given information, cities for which the number of tickets sold is more than 20 are: Patna, Jaipur, Delhi and Guwahati.

(e) As per given information, tickets sold for Delhi and Jaipur exceeds the tickets sold for Patna and Chennai by $150 - 100 = 50$. Number of tickets sold for Delhi and Jaipur together exceeds the total number of tickets sold for Patna and Chennai by 50.

13. Let an icon of a student represent 4 students. Then, the number of icons for each day is as follows:

Day	Number of Students Present
Monday	$24/4 = 6$
Tuesday	$20/4 = 5$
Wednesday	$28/4 = 7$
Thursday	$30/4 = 7.5$
Friday	$26/4 = 6.5$
Saturday	$22/4 = 5.5$

The pictograph representing the above data is as follows:

Day	Number of students present
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	

TIWARI
ACADEMY