


INDIAN SCHOOL AL WADI AL KABIR

Class VI, Mathematics

WORKSHEET (OTQ & DTQ)

DATA HANDLING


Multiple Choice Questions

Q1. What is the frequency corresponding to the given tally mark? 

- A** 27 **B** 10 **C** 20 **D** 12

Q2. Representation of data in the form of a picture is called as _____.

- A** Bar graph **B** Pictograph **C** Histogram **D** Line graph

Q3. If one  represents 20 students, then the number of symbols that can be drawn to represent 140 students is:

- A** 14 **B** 10 **C** 7 **D** 20

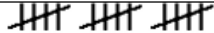
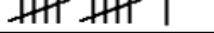
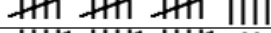

Q4. In a bar graph, the width of the rectangle is always _____.

- A** Unequal **B** Increasing **C** Decreasing **D** equal


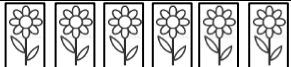
Q5. On the scale of 1-unit length = 10 crores, the bar of length 6 units will represent _____

- A** 6,00,00,000 **B** 6,00,000 **C** 60,00,00,000 **D** 16,00,000

Q6. The given tally mark chart shows the data collected among children about their choices of drinks. From the chart what is the most popular drink?





Drinks	Votes
Apple Juice	
Pepsi	
Coke	
Milk	

- A** Apple Juice **B** Pepsi **C** Coke **D** Milk



















Q7. In a pictograph, if a symbol  represents 15 flowers in a basket, then stands for how many flowers? 

- A** 60 **B** 75 **C** 90 **D** 105

Q8. A Survey was conducted among People to know their favourites city in the world. Which is their favourite city?

Cities	Votes
Orlando	
Sydney	
New York	
Paris	

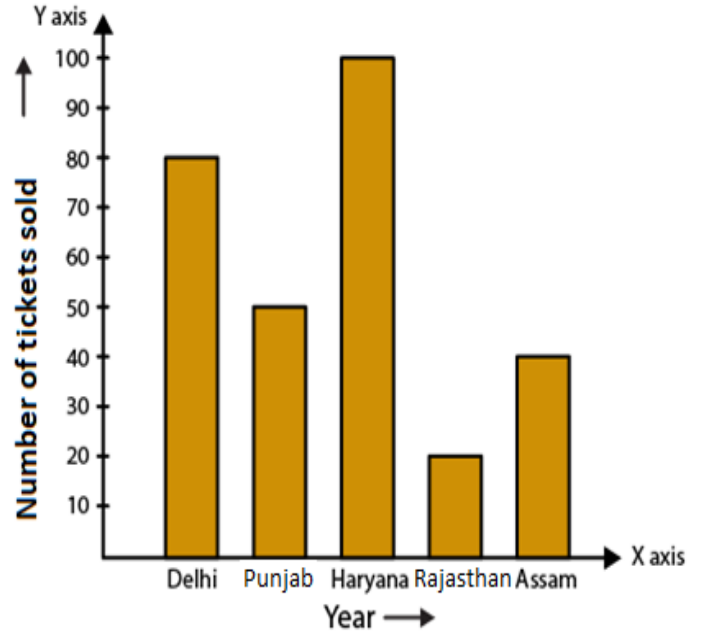
- A** Paris **B** New York **C** Sydney **D** Orlando

Q9.	In a bar graph, the horizontal axis is called: _____																											
A	Y-Axis	B	X-Axis	C	Line	D	Edge																					
Q10.	SOURCE-BASED QUESTION: The following pictograph shows the number of absentees in a class of 30 students during the previous week. Read the table and answer the questions given below																											
	<table border="1"> <thead> <tr> <th>Days</th> <th>Number of Absentees</th> <th> = 5 students</th> </tr> </thead> <tbody> <tr> <td>Monday</td> <td></td> <td></td> </tr> <tr> <td>Tuesday</td> <td></td> <td></td> </tr> <tr> <td>Wednesday</td> <td></td> <td></td> </tr> <tr> <td>Thursday</td> <td></td> <td></td> </tr> <tr> <td>Friday</td> <td></td> <td></td> </tr> <tr> <td>Saturday</td> <td></td> <td></td> </tr> </tbody> </table>		Days	Number of Absentees	 = 5 students	Monday			Tuesday			Wednesday			Thursday			Friday			Saturday							
Days	Number of Absentees	 = 5 students																										
Monday																												
Tuesday																												
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Saturday																												
I.	On which day was the maximum number of students absent?																											
A	Thursday	B	Friday	C	Wednesday	D	Saturday																					
II.	On which day 30 students were absent?																											
A	Thursday	B	Friday	C	Wednesday	D	Saturday																					
III.	What was the total number of absentees on Tuesday?																											
A	4	B	5	C	20	D	14																					
IV.	Which day had full attendance?																											
A	Thursday	B	Friday	C	Wednesday	D	Saturday																					
V.	How many more students were absent on Friday than on Thursday?																											
A	40	B	10	C	30	D	20																					
Q11.	<p>In an examination, the grades achieved by 40 students of a class are given below 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, A, B, C, E, D, D, A, A, C, E</p> <p>(a) Arrange the grades using tally marks (b) How many students get a grade A? (c) How many students get a grade B? (d) Which grade has the highest number of students</p>																											

Q12.

Read the bar graph and answer the following questions:

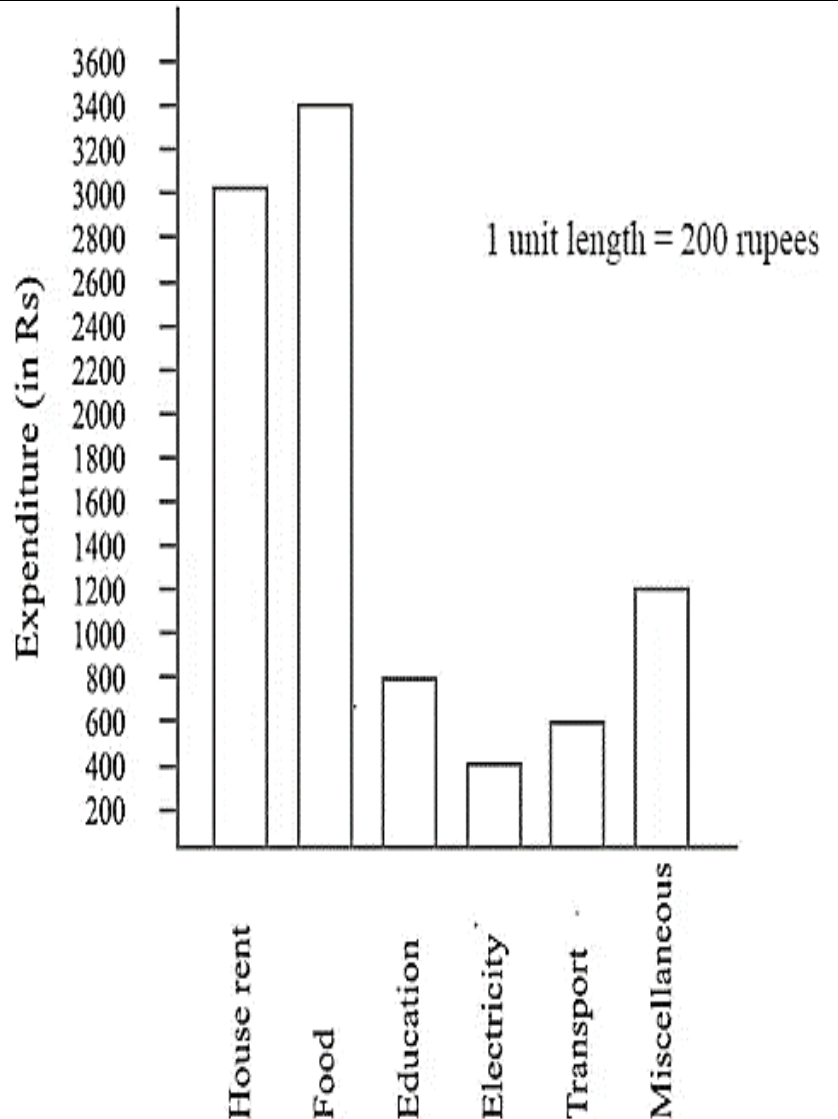
- (i) What is the information given by the bar graph?
- (ii) How many tickets of Assam State Lottery were sold by the agent?
- (iii) Of which state, were the maximum number of tickets sold?
- (iv) State whether true or false.
The maximum number of tickets sold is three times the minimum number of tickets sold.
- (v) Of which state was the minimum number of tickets sold?



Q13.








The bar graph below shows the monthly expenditure of Rajesh family on various household items

- (a) What is the information given by the bar graph?
- (b) Which item is taking the maximum expenditure?
- (c) Find the difference in the expenditure of house rent and food.
- (d) How much Rajesh spent on Food and transport?



Q14.

The following pictograph shows the number of Van manufactured during a week.

Days	Number of Van manufactures	 = 100 Vans
Monday		
Tuesday		
Wednesday		
Thursday		
Friday		
Saturday		

Read the table and answer the questions given below:

1. On which day were the least number of Vans manufactured?
2. On which day were the maximum number of Vans manufactured?
3. Find out the approximate number of Vans manufactured in a particular week.
4. On which days were the same number of Vans manufactured?
5. Find the number of Vans manufactured on Monday.

Q15.

Form a frequency distribution table from the given data.

15 18 16 20 25 24 25 20 16 15

15 18 18 16 24 15 15 20 20 20

28 30 27 16 24 25 20 18 28 27

27 25 24 24 18 18 25 20 16 28

ANSWERS

1.	D	2.	B	3.	C	4.	D
5.	A	6.	C	7.	C	8.	D
9.	B	10.	B,A,C,C,B	11.	-	12.	-
13.	-	14.	-	15.	-		
