



## JYOTI PUBLIC SCHOOL DHORKA

Holiday Homework  
ASSIGNMENT-II,(2018-19)

CLASS – VII  
SUB-Maths

Q1. Arrange the following in ascending order :-

(a)  $-18, 7, 5, -10, 12, -21$

(b)  $-10, -15, 7, 3, -9, 4$

Q2. Tanya entered the lift on the 20<sup>th</sup> floor and got out of the lift on the 7<sup>th</sup> floor. How many floors did she travel *downwards*?

Q3. Sarita has **Rs. 52** . She wants to buy chocolates with the *money*. If the price of one chocolate is  $\text{s. } 5\frac{1}{5}$ , how many chocolates can she buy ?

Q4. Find the mean from the following frequency *distribution*:

|           |    |    |    |    |    |    |    |    |
|-----------|----|----|----|----|----|----|----|----|
| Number    | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| Frequency | 6  | 7  | 8  | 15 | 18 | 9  | 10 | 21 |

Q5. The average of three numbers is 20 .If one of those numbers is 14.What is the average of the other two numbers ?

Q6. The income and expenditure of a family for 5 years are given below:-

|                  |      |      |      |      |      |
|------------------|------|------|------|------|------|
| Year             | 2003 | 2004 | 2005 | 2006 | 2007 |
| Income(Rs.)      | 100  | 130  | 170  | 185  | 210  |
| Expenditure(Rs.) | 85   | 127  | 160  | 170  | 190  |

Represent the above data with the help of a bar graph .

Q7. Simplify :-

$$6 - [6 - \{6 - (6 - 7 - 8 - 9) - 10 + 11\} - 6 - 9] + 8$$

Q8.  $\frac{7}{16}$  of a number is 21 . What fraction of the same number is 13 less than **21**?

Q9. Construct a frequency distribution table for the following data and hence determine its *mode*:-

12, 3, 18, 7, 9, 3, 19, 3, 15, 8,  
17, 2, 3, 11, 3, 7, 5

Q10. Find the *mean, median*, and mode of the following data :-

34, 71, 82, 50, 34, 68, 28, 85

Q11. Show on the number line :-

(a)  $-2 \times 5$       (b)  $-4 + (-3)$       (c)  $-12 \div -6$   
(d)  $-8 + 5$       (e)  $5 + 3$

Q12. What will be the sign of the of the resultant integer if we multiply 5 negative integers and 2 positive integers ?

