12. The runs scored in cricket match by 11 players as follows:

6, 15, 120, 50, 100, 80, 10, 15, 8, 10, 15 find the mean, median of the data.

(6×3=18)

Section - C (4 marks each)

13. A certain freezing requires that room temperature be lowered from 40^0C at the rate of 5^0C every hour. What will be the room temperature 10 hours after the process begins?

14. Verify the following : $18\times[7+(-3)]=[(18\times7)+(18\times(-3)]$

15. Suman studies $5\frac{2}{3}$ hours daily. She devotes $2\frac{4}{5}$ hours of her time for Science and Mathematics. How much does she devote for other subjects?

16. A car covers a distance of 89.1 km in 2.2 hours. What is the average distance covered by it in 1 hour?

17. Consider the data collected from a survey of a colony

Favourite sport	Cricket	Basketball	Hockey	Athletics	Swimming
Watching	1240	470	510	430	250
Participating	620	320	320	250	105

i) Draw a double bar graph choosing an appropriate scale.

ii) Which sport is most popular?

iii) Which is more preferred, watching or participating in sports. (4×5=20)

c) How many girls have heights more than mean height?

12. A fair coin is tossed. Find the probabilities of

(a) getting a head (b) getting a tail (6×3=18)

Section - C (4 marks each)

13. In a class test containing 15 question, 4 marks given for every correct answer and (-2) marks are given for every incorrect answer

i) Gurpreet attempts all questions but only 9 of her answers are corret. Whatis her total score?

ii) One of her freinds gets only 5 answers correct. What is the total score?

14. Verify the following :

$(-21)\times[(-4)+(-6)]=[(-21)\times(-4)]+[(-21)\times(-6)]$

15. Michael finished colouring a picture in $\frac{7}{12}$ hour. Vaibhav finished colouring the same picture in $\frac{3}{4}$ hour. Who worked longer? By what fraction was it longer?

16. Dinesh went from place A to place B from there to place C. A is 7.5km from B and B is 12.7km from C. Ayub went from place A to place D and from there to place C. D is 9.3km from A and C is 11.8km from D. Who travelled more and by how much?

17. The performance of student in I term and II term is given. Draw a double bar graph choosing appropriate scale and answer the following:

Subject	English	Hindi	Maths	Science	S.St.
I Term	67	72	88	81	73
II Term	70	65	95	85	75

i) In which subject is the improvement least?

ii) Has the performance gone down in any subject? (4×5=20)

Periodic Test (24 July 2017)

Class-VII

Sub: Mathematics (Set - B)

Time: **Marks: 50**

Section-A (2 marks each)

1. Write down a pair of Integer whose

   a) sum is 0 b) difference is -10

2. Evaluate:

3. Find

4. Express 65mm in cm, m and km

5. Find the mean of first six whole numbers.

6. Evaluate: $0.023 \div 1000$ (6×2=12)

Section-B (3 marks each)

7. Verify the property by taking

8. The temperature at 12 noon was 10^0C above zero. If it decreases at the rate of 2^0C per hour until midnight, at what time would the temperature by 8^0C below zero. What would be temperature at mid night?

9. Sushant reads part of book in 1 hour. How much part of the book will she read in $2\frac{1}{5}$ hours?

10. Find: (a) 10.05×1.05 (b)

11. The height of 10 girls were measured in cm and the results are as follows:
    135, 150, 139, 128, 151, 132, 146, 149, 143, 141

a) What is the range of the data?

b) What is the mean height of girls?

Periodic Test (24 July 2017)

Class-VII

Sub: Mathematics (Set - A)

Time: **Marks: 50**

Section-A (2 marks each)

1. Write down a pair of Integers whose

   a) difference is -5 b) sum is -7

2. Evaluate: $[(-6)+5] \div [(-2)+1]$

3. Multiply and reduce to lowest form $6\frac{2}{5} \times \frac{7}{8}$

4. Express 8cm in metre and kilometre.

5. Find the mode of given data 2, 2, 2, 3, 3, 4, 5, 5, 5, 6, 6, 8

6. Evaluate: $96.2 \div 0.26$ (6×2=12)

Section-B (3 marks each)

perty by taking

8. In a class test containing 20 questions, 2 marks for every correct answer and (-1) marks given for every incorrect answer. Sonam attempts all questions but only 13 of her answers are correct. What is her total score?

9. Each bottle can hold of water. How many bottles are needed to score 6 litres of water?

10. Find: (a) 100.01×1.1 (b)

11. There are 6 marbles in box with numbers 1 to 6 marked on each of them.

a) What is probability of drawing a marble with number 4?

b) What is probability of drawing a marble with number 5?