

**KENDRIYA VIDHYALAYA, KHAMMAM**

**PERIODIC TEST-1(2017-2018)**

CLASS: VII

SUB: MATHS

TIME: 90 MINS

MAX.MARKS: 40

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**I. MULTIPLE CHOICE QUESTIONS  
(5X1=5)**

1. \_\_\_\_\_ is an additive identity for integers  
a) 0    b) -1    c) 1    d) 2
2.  $28.5 \times 10 =$  \_\_\_\_\_  
a) 2.85            b) 285    c) 0.285    d) 2850
3.  $23.8 \div 10 =$  \_\_\_\_\_  
a) 0.238            b) 2.38    c) 238    d) 2380
4. Transversal line intersect two or more lines at \_\_\_\_\_ points  
a) 1    b) 2    c) 3    d) 4
5. The measure of the complement of the angle  $30^\circ$  is \_\_\_\_  
a) 30            b) 40    c) 60    d) 70

**II. VERY SHORT ANSWER QUESTIONS  
(4X2=8)**

6. Find the product

- a)  $3 \times (-3)$
- b)  $(-21) \times (-30)$

7. Solve  $2\frac{1}{4} + 3\frac{1}{2}$

8. Find

- a)  $12 \div \frac{3}{4}$
- b)  $\frac{2}{5} \div \frac{1}{2}$

9. A bats man scored the following number of runs in six innings: 36,35,50,40,45,50.

Calculate the mean runs scored by him.

### III.Short answer questions

5X3=15

10. The scores in mathematics test( out of 25) of 15 students is as follows:

15,25,23,20,21,19,05,10,25,09,06,25,18,06,25

Find the mode and median.

11. Find            a)  $2.5 \times 10$             b)  $156.1 \times 100$             c)  $0.13 \times 1000$

12. Verify the following:

a)  $18 \times [ 7 + (-3) ] = [ 18 \times 7 ] + [ 18 \times (-3) ]$

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

13. Define

a) Complementary angles

b) Supplementary angles

14. Find the angles which is equal to its complement.

### IV.Long answer questions

(3×4=12)

15. Identify which of the following pairs of angles are complementary and which are supplementary.

a)  $65^\circ$ ,  $115^\circ$             b)  $63^\circ$ ,  $27^\circ$

16. A cement company earns a profit of Rs. 8 per bag of white cement sold and a loss of Rs 5 per a bag of grey cement sold.

a) The company sells 3000 bags of white cement and 5000 bags of grey cement in a month. What is its profit or loss?

17. Define

a) proper fraction            b) improper fraction

c) Like fraction            d) unlike fraction

