

**KENDRIYA VIDYALAYA AFS MANAURI ALLAHABAD**

**PERIODIC TEST -1 (2017-18)**

**Class VII Mathematics**

**Time: 1hrs 30Min.**

**Maximum Marks: 40**

All questions are compulsory.

**Section A**

**Questions number 1 to 4 carry one mark each.**

1. Write down a pair of integers whose sum is (-7)
2. Name the property  $a \times (b + c) = axb + axc$
3. Write the given statement in the form of equation  
"The sum of 3 times x and 11 is 32"
4. If two angles are complementary then the sum of their measure is.....

**Section B**

Question numbers 6 to 9 carry **two marks** each

5. Find the value of  $\frac{2}{5} \times 5 \frac{1}{4}$
6. Solve:  $\frac{8}{7} + \frac{2}{3}$
7. Find supplementary angle of  $60^\circ$ .
8. Write the expanded form of 215.03

**Section C**

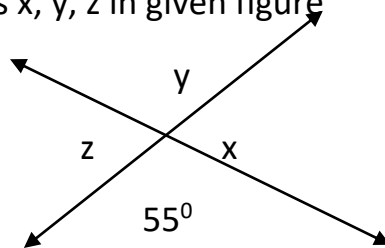
**Question no. 9 to 12 carry three marks each**

9. Find the product ,using suitable properties:

$$625 \times (-35) + (-625) \times 65$$

10. A batsman scored the following number of runs in 6 innings  
36, 35, 50, 46, 60, 55 calculate the mean run scored by him in an inning.

11. Find angles  $x$ ,  $y$ ,  $z$  in given figure



12. Solve  $2(x+4)=12$

### Section D

Question numbers 13 to 16 carry **4 marks** each

13. Following data gives total marks (out of 600) obtained by six children of a particular class. Represent the data on a bar graph.

Students	Ajay	Bali	Dipti	Shyam	Geeta	Hari
Marks Obtained	450	500	300	350	400	550

14. In an isosceles triangle the base angles are equal. The vertex angle is  $40^\circ$ . What are the base angles of the triangle?

15. Find

(i)  $202.356 \times 0.001$       (ii)  $.765 \div 0.15$

16. Solve by trial and error method

$$2x + 3 = 7$$