BCM SCHOOL, BASANT AVENUE, DUGRI, LUDHIANA.
SEPTEMBER ASSIGNEMENT
CLASS- VII (MATHEMATICS)

SECTION –A (MULTIPLE CHOICE QUESTIONS)

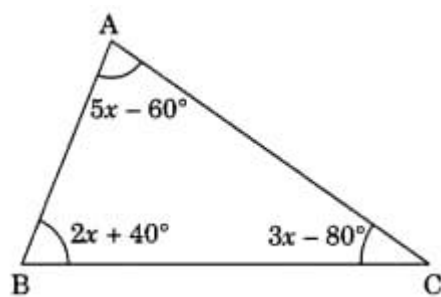|	
1.	The solution of the equation $3n - 2 = 46$ is $n =$. (a) 12 (b) 11 (c) 16 (d) none of these
2.	Which of the following statement is true (a) $7 \div 0 = 7$ (b) $7 \div 0 = 0$ (c) $7 \div 0 = 0 \div 7$ (d) $0 \div 7 = 0$
3.	Which of the followings has both horizontal as well as vertical line of symmetry: (a) S (b) A (c) U (d) H
4.	Identify the property used in the following: $2 \times 13 + 8 \times 13 = (2+8) \times 13$ (a) Commutative (b) Closure (c) Associative (d) Distributive

SECTION – B(2 MARKS QUESTIONS)

5.	A plane is flying at the height of 5000 m above the sea level. At a particular point, it is exactly above a submarine floating 1200 m below the sea level. What is the vertical distance between ?
6.	Write any 3 rational numbers between -2 and 0.
7.	Find the average of 4.2, 3.8 and 7.6.

SECTION – C (3 MARKS QUESTIONS)

8	In a mathematics quiz, 30 prizes consisting 1st and 2nd are only to be given. 1st and 2nd prizes are worth Rs 2000 and Rs 1000 respectively. If the total prize money is Rs 52,000 then find the number of 1st prizes and 2nd prizes.
9.	a) can these be the sides of a triangle? 4.5 cm, 3.5 cm, 6.4 cm b) Find whether the following triplets are Pythagorean or not? (5, 8, 17)
10.	a)Find the perimeter of given Rhombus whose diagonals are 42 cm and 40 cm. b)The two supplementary angles differ by 30°. Find the angles

SECTION – D (5 MARKS QUESTIONS)

11.	Find value of x
12.	a)The length of a rectangle is twice its breadth. If its perimeter is 60 cm, find the length and the breadth of the rectangle. b)Each of the 2 equal sides of an isosceles triangle is twice as large as the third side. If the perimeter of the triangle is 30 cm, find the length of each side of the triangle.
13.	a) Two sides of a triangle are 4 cm and 7 cm. What can be the length of its third side to make the triangle possible? b) Solve the following equations: $3(y - 2) = 2(y - 1) - 3$

SECTION – E (CASE STUDY)

14.	Mohan deposits Rs 2,000 in his bank account and withdraws Rs 1,642 from it, the next day he again deposits 3000.
	    a) If withdrawal of amount from the account is represented by a negative integer, then how will you represent the amount deposited?
	    b) Find the balance in Mohan's account after the withdrawal.
	    c) Find the total amount at the end.

15.	A farmer has a rectangular field whose length is 40 cm and a diagonal is 41cm.He wants to fence his field with 2 round of wire. On the basis of above information find a)the breadth of the rectangular field b)the wire needed to fence the field c) Area of the rectangular field.
	Maths Syllabus for Class- VII September Exams Ch Integers Ch Fractions and Decimals Ch Simple Equations Ch Lines and Angles Ch Triangles and its properties Ch Rational Numbers Ch Symmetry GK Ch -54,55,56,57