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

SECTION -A (MULTIPLE CHOICE QUESTIONS)

1	The product of monomial and binomial is a a) monomial b) binomial c) trinomial d) none of these
2	What percent of 8.25 m is 75 cm? a) 150/11 % b) 75/11 % c) 80/11 % d) 100/11 %
3	Assertion (A) — Between 50 and 60, the perfect square number is 54. Reasons (R) —A perfect square is a number that can be expressed as the product of an integer by itself or as the second exponent of an integer. a) Both A and R are true and R is the correct explanation of A b) Both A and R are true but R is not the correct explanation of A c) A is true but R is false d) A is false but R is true

SECTION - 2 MARKS QUESTIONS)

4	Find the square of 42 by using identity.
5	The price marked on a book is Rs. 550. The shopkeeper gives a 20% discount on it in a book exhibition. What is the selling price of the book?

SECTION - C (3 MARKS QUESTIONS)

6	By what number should we multiply $\dfrac{-8}{13}$ so that the product may be 24?
7	Three numbers are in the ratio 2 : 3 : 4. The sum of their cubes is 33957. Find the numbers.

SECTION - D (5 MARKS QUESTIONS)

8	Find the least number which must be added to 306452 to make it a perfect square.
9	What sum will become Rs. 9826 in 18 months if the rate of interest is $2\dfrac{1}{2}$ % p.a. and the interest is compounded half yearly?

SECTION - E (CASE STUDY)

| 10 | There is a square garden in a village Mahuli. A gardener planted 8281 plants in a garden in such a way that each row contains as many plants as the number of rows. If the area of the garden is 1225m^2. Answer the questions that follows:
i) Find the number of rows and the number of plants in each row?
ii) Find the perimeter of the garden?
iii) Find the square root of 25 by repeated subtraction method. |