

MATHEMATICS
TEST PAPER
CLASS - VIII
SQUARE & SQUARE ROOTS



SET- A

Time: 40Min.

MM: 25

*Note: (a) Section – A Each question carries 1 mark
(b) Section – B Each question carries 2 marks
(c) Section – C Each question carries 3 marks
(d) Section – D Each question carries 4 marks*

Section [A]

1. What is the square root of 121
2. How many natural number lie between 9^2 & 8^2
3. Without actual addition find the sum $1 + 3 + 5 + 7 + 9 + 13$.
4. What will be the unit digit of the square of 489.

Section [B]

5. Find the square root of 400 by prime factorisation method.
6. Find the square root of 1369 by long division method

Section [C]

7. Find the square root of 641.6089 using long division method.
8. Find the Pythagorean triplets whose one number is 20.
9. Find the least number of 4-digit which is a perfect square. Also find the square root of the number so obtained.

Section [D]

10. Find the least square number divisible by each one 8, 9 and 10.
11. What is the least number which should be added to 6200 to make it a perfect square?