Subject: - Mathematics **PRACTICE PAPER** **CBSE-8th**

Topic: - Square & Square Roots

1. Find the square of the following numbers: -

a) 509   b) 491

2. Express each of the following as the sum of the consecutive natural number: -

a) $(21)^2$ b) $(19)^2$

3. How many natural numbers lie between squares of 12 and 13?

4. Find the greatest number of two digits which is a perfect square?

5. Find the smallest number by which 28812 must be divided so that the quotient becomes a perfect square?

6. The product of two number is 1575 and their quotient is 9/7.Find the number.

7. Find the square root of each of the following number by long division method: -

a) 54756   b) 4937284

8. Find the square root of $\frac{256}{441}$?

9. Find the square roots of 2304 and 1764 and hence find the value of $\frac{\sqrt{0.2304} + \sqrt{0.1764}}{\sqrt{0.2304} - \sqrt{0.1764}}$

10. Find the square root of 32/3 correct to three places of decimals.