

Chapter 3 : Squares and Square Roots**ASSESSMENT**
Max.Marks : 20**A : Choose the correct alternatives in each of the following :****(1 × 5 = 5)**

- The value of $\sqrt{59.29} + \sqrt{5.29}$ is
(a) 5 (b) 9 (c) 10 (d) 14
- A number ending in is never a perfect square.
(a) 4 (b) 5 (c) 6 (d) 7
- The least number of 4-digits which is a perfect square is
(a) 1014 (b) 1024 (c) 1016 (d) 1081
- The number of digits in the square root of 431649 is
(a) 2 (b) 3 (c) 4 (d) 5
- If $\sqrt{3} = 1.732$, then the value of $\sqrt{243}$ is
(a) 15.508 (b) 27 (c) 5.196 (d) 15.588

B : Solve the following :**(3 × 5 = 15)**

- A library has 1048576 books in all. The number of shelves in the library is same as the number of books in each shelf. Find the total number of shelves in the library.
- There are 600 students in a school. For a PT drill they have stand in such a manner that the number of rows is equal to the number of columns. How many children would be left out in this arrangement?
- Without any calculation, find the number of digits in the square root of 12345654321.
- Find a number whose one-third multiplied with its one-eighth becomes 864.
- The floor area of a room, square in shape, is 9.5481 m². Find the perimeter of the room.