



Dnyansagar Coaching Classes, A'nagar

Std. - 7th (Semi)

Sub- Math

Unit Test
(Squares and Square roots)

Time - 1 hrs

Max Marks - 20

Q.1 Fill in the blanks. 04

- i) The last figure obtained on the left is _____ the square root of the given number.
- ii) When a natural number is multiplied by itself the product obtained is called ____.
- iii) $\left(\frac{9}{4}\right) \times \left(\frac{9}{4}\right) = \frac{\text{----}}{\text{----}}$
- iv) If $85^2 = 7225$, then
 $8.5^2 = \underline{\hspace{2cm}}$

B) Find the square roots. (any three) 06

i) $\frac{2025}{100}$

ii) $\frac{441}{256}$

iii) $\frac{196}{81}$

iv) $2\frac{7}{9}$

Q.2 Solve. (any two) 04

A) Find the squares

- i) 0.7 ii) -9.1

B) Mark off the proper pairs of digits in each number in order to find square root.

- i) 50625 ii) 1764

C) If $6.42 = 40.96$ write the following value.

- i) $(0.064)^2$ ii) $(0.64)^2$

Q.3 Find the square roots by the division method. (any two) 06

- 1) 3721
- 2) 7921
- 3) 54756
- 4) 63504
