



# Dnyansagar Coaching Classes, A'nagar

Std. - 8th (Semi)

Sub- Math

## Unit Test

(Topic - Square and Square root)

Time - 1 hrs

Max Marks - 20

**Q.1 Solve the following. ( any three) 06**

- 1) Write in symbol.
  - i) The negative square root of 36.
  - ii) The positive square root of 100.
- 2) Write following numbers in words.
  - i)  $\sqrt{625}$
  - ii)  $-\sqrt{324}$
- 3) Write the values of
  - i)  $\sqrt{225}$
  - ii)  $-\sqrt{100}$
- 4) Write the square root of each of the following
  - i) 196
  - ii) 121

**Q.2 Match the following. 05**

A	B
1) 3.4158	a) 32.17
2) 720.5	b) 3.42
3) 59.03	c) 1.33
4) 32.166	d) 59.03
5) 1.3281	e) 720.50

**Q.3 Solve (any three) 09**

- 1) Find the square roots by division method.
  - i) 289
  - ii) 625
- 2) Find the length of the diagonal of a square with side 8cm.
- 3) The sides forming the right angle triangle are 10cm and 7cm find the length of its hypotenuse.
- 4) Find the length of diagonal of rectangle of length 13cm and breath 6cm.

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