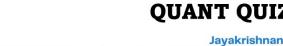


## JAYAKRISHNAN EDUTIPS

## **DAILY QUANT QUIZ**







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## Wednesday, 08 January 2025

- 1. In what time will ₹ 8,000, at 3% per annum, produce the same interest as ₹ 6,000 does in 5 years at 4% simple interest?
- (A) 5 years

(B) 6 years

(C) 3 years

- **(D)** 4 years
- 2. A dealer buys an article listed at ₹ 100 and gets successive discounts of 10% and 20%. He spends 10% of the cost price on transportation. At what price should he sell the article to earn a profit of 15%?
- **(A)** ₹ 92.0

**(B)** ₹ 91.08

(C) ₹ 90.80

**(D)** ₹ 91.20

- Distribution of fruits consumption Servings of fruits per day Number of students 0 15 1 10 15 10 8 5 5 3 7 3
- 6. How many of these students ate fewer than two 3. A conical iron piece having diameter 28 cm and servings per day?

**(B)** 40

servings per day?

- (D) None of these
- height 30 cm is totally immersed into the water of a (A) 15 cylindrical vessel, resulting in the rise of water (C) 25 level by 6.4 cm. The diameter, in cm of the vessel is: 7. What percent of these students ate six or more
- (A) 35

- **(B)** 32
- (A) 12.5% **(C)** 10%

**(B)** 13% **(D)** 11%

(C) 3.5

 $125n^3 - 30 \text{ mn}$ ?

- 8. How many of these students ate more than two 4. If m - 5n = 2, then what is the value of  $(m^3 - \text{servings but less than six servings per day})?$ 
  - (A) 26(C) 23

**(B)** 18

**(B)** 7

**(D)** 38

(A) 8 **(C)** 9

- **(D)** 6
- 9. What percent of these students ate more than 5. Given that  $x^3 + y^3 = 72$  and xy = 8 with x > y two servings per day and less than seven servings per day?
- Then the value of x y is:
- (A) 4**(C)** 2

- **(B)** -4**(D)** -2
- (A) 36.11 **(C)** 47

- **(B)** 38 **(D)** 32
- Directions (6-10): Study the following table 10. What is the number of students who eat more carefully and answer the questions based on it.
- The following table shows the distribution of fruit (A) 20 consumption in a school among students.
- than three servings per day?

**(B)** 22

(C) 35

**(D)** 72

1-{A} - 2-{B} - 3-{A} - 4-{A}-5-{C}-6-{C}-7-{A}-8-{C}-9-{A}-10-{B}



