

time to achieve their goal of clearing the written exam and further move to next rounds. It is not an easy matter to get placed in Infosys. So practice hard to get selected in Infosys Company. To help the candidates we have uploaded Infosys Placement Papers in a PDF Format. Interested contenders can download it for offline preparation.

Infosys Aptitude Test Placement Papers

In this section, we are discussing Aptitude test papers. To help the contenders we have published aptitude questions and answers with a detailed explanation.

1. In a covering, a certain distance, the speeds of A and B are in the ratio of 3:4. A takes 30 minutes more than B to reach the destination. The time taken by A to reach the destination is?

1. 1 hour
2. 1 1/2 hour
3. 2 hour
4. 2 1/2 hour

Answer: Option 3

Solution

Ratio of speeds = 3:4

Ratio of times taken = 4:3

Suppose A takes $4x$ hrs and B takes $3x$ hrs to reach the destination.

Then, $4x - 3x = 30/60 \Rightarrow x = 1/2$

Time taken by A = $4x$ hrs = $4 * 1/2 = 2$ hrs.

2. A train 110 m long is running with a speed of 60 km/hr. At what time will it pass a man who is running at 6 km/hr in the direction opposite to that in which the train is going?

1. 5 sec
2. 6 sec
3. 7 sec
4. 10 sec

Answer: Option 2

Solution

Speed of train relative to man = $60 + 6 = 66$ km/hr.

= $66 * 5/18 = 55/3$ m/sec.

Time taken to pass the men = $110 * 3/55 = 6$ sec.

3. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

1. Rs. 375
2. Rs. 400
3. Rs. 600
4. Rs. 800

Answer: Option 2

HOME **SUBMIT A JOB** TODAY WALKINS FRESHER JOBS WALK-INS GOVT JOBS BANK JOBS PLACEMENT PAPERS SYLLABUS

$$C's \text{ 1 day's work} = 1/3 - (1/6 + 1/8) = 1/3 - 7/24 = 1/24$$

A's wages : B's wages : C's wages

$$1/6 : 1/8 : 1/24 = 4:3:1$$

$$C's \text{ share} = 1/8 * 3200 = \text{Rs. } 400$$

4. A, B, and C started a business with capitals of Rs. 8000, Rs. 10000 and Rs. 12000 respectively. At the end of the year, the profit share of B is Rs. 1500. The difference between the profit shares of A and C is?

1. Rs. 300
2. Rs. 400
3. Rs. 500
4. Rs. 600
5. None of these

Answer: Option 5

Solution

Ratio of investments of A, B and C is 8000 : 10000 : 12000 = 4 : 5 : 6

And also given that, profit share of B is Rs. 1500

=> 5 parts out of 15 parts is Rs. 1500

Now, required difference is 6 - 4 = 2 parts

Required difference = 2/5 (1500) = Rs. 600

5. If Rs. 510 be divided among A, B, C in such a way that A gets 2/3 of what B gets and B gets 1/4 of what C gets, then their shares are respectively?

1. Rs. 120, Rs. 240, Rs. 150
2. Rs. 60, Rs. 90, Rs. 360
3. Rs. 150, Rs. 300, Rs. 60
4. None of these

Answer: Option 2

Solution

$$(A = 2/3 B \text{ and } B = 1/4 C) = A/B = 2/3 \text{ and } B/C = 1/4$$

$$A:B = 2:3 \text{ and } B:C = 1:4 = 3:12$$

$$A:B:C = 2:3:12$$

$$A's \text{ share} = 510 * 2/17 = \text{Rs. } 60$$

$$B's \text{ share} = 510 * 3/17 = \text{Rs. } 90$$

$$C's \text{ share} = 510 * 12/17 = \text{Rs. } 360.$$

6. The current of a stream runs at the rate of 4 kmph. A boat goes 6 km and back to the starting point in 2 hours, then find the speed of the boat in still water?

1. 10 kmph
2. 21 kmph
3. 8 kmph
4. 12 kmph

Answer: Option 3

[HOME](#) [SUBMIT A JOB](#) [TODAY WALKINS](#) [FRESHER JOBS](#) [WALK-INS](#) [GOVT JOBS](#) [BANK JOBS](#) [PLACEMENT PAPERS](#) [SYLLABUS](#)

$$S = 4$$

$$M = x$$

$$DS = x + 4$$

$$US = x - 4$$

$$6/(x + 4) + 6/(x - 4) = 2$$

$$x = 8$$

7. In how much time would the simple interest on a certain sum be 0.125 times the principal at 10% per annum?

1. 1 1/4 years
2. 1 3/4 years
3. 2 1/4 years
4. 2 3/4 years

Answer: Option 1

Solution

Let sum = x. Then, S.I. = 0.125x = 1/8 x, R = 10%

Time = $(100 * x) / (x * 8 * 10) = 5/4 = 1 \frac{1}{4}$ years.

8. Find the cost of fencing around a circular field of diameter 28 m at the rate of Rs.1.50 a meter?

1. Rs.150
2. Rs.132
3. Rs.100
4. Rs.125

Answer: Option 2

Solution

$$2 * 22/7 * 14 = 88$$

$$88 * 1 \frac{1}{2} = \text{Rs.}132$$

9. A pupil's marks were wrongly entered as 83 instead of 63. Due to the average marks for the class got increased by half. The number of pupils in the class is?

1. 10
2. 20
3. 40
4. 73

Answer: Option 3

Solution

Let there be x pupils in the class.

10. The H.C.F of two numbers is 11 and their L.C.M is 7700. If one of the numbers is 275, then the other is?

1. 279
2. 283
3. 308
4. 318

Answer: Option 3

Solution

Other number = $(11 * 7700)/275 = 308$.

11. If the sum of the two numbers is 22 and the sum of their squares is 404, then the product of the numbers is?

1. 40
2. 44
3. 80
4. 88

Answer: Option 1

Solution

Let the numbers be x and y.

Then, $(x + y) = 22$ and $x^2 + y^2 = 404$

Now,

$$2xy = (x + y)^2 - (x^2 + y^2)$$

$$2xy = 22^2 - 404 = 484 - 404 = 80$$

$$xy = 40$$

12. Three pipes A, B and C can fill a tank from empty to full in 30 minutes, 20 minutes and 10 minutes respectively. When the tank is empty, all the three pipes are opened. A, B and C discharge chemical solutions P, Q and R respectively. What is the proportion of solution R in the liquid in the tank after 3 minutes?

1. 5/11
2. 6/11
3. 7/11
4. 8/11

Answer: Option 2

Solution

Part filled by (A + B + C) in 3 minutes = $3(1/30 + 1/20 + 1/10) = 11/20$

Part filled by C in 3 minutes = $3/10$

Required ratio = $3/10 * 20/11 = 6/11$

1. Rs. 3096
2. Rs. 4076
3. Rs. 4085
4. Rs. 4096

Answer: Option 4

Solution

$$\text{Principal} = [4913 / (1 + 25/(4 * 100))]^3$$
$$= 4913 * 16/17 * 16/17 * 16/17 = \text{Rs. } 4096.$$

14. If the height of a cone is increased by 100% then its volume is increased by?

1. 100%
2. 200%
3. 300%
4. 400%

Answer: Option 1

Solution

100%

15. Find the one which does not belong to that group?

1. Walk
2. Talk
3. Drink
4. Plank
5. Lick

Answer: Option 4

Solution

Walk, Talk, Drink and Lick are verbs, but not Plank.

16. A sells a bicycle to B at a profit of 20%. B sells it to C at a profit of 25%. If C pays Rs. 225 for it, the cost price of the bicycle for A is?

1. Rs. 110
2. Rs. 120
3. Rs. 125
4. Rs. 150

Answer: Option 4

Solution:

$$125\% \text{ of } 120\% \text{ of } A = 225$$