

Poornam Info Vision Placement Paper Questions

Q1. Snehas age is $\frac{1}{6}$ th of her father's age. Snehas father's age will be twice of Vimal's age after 10 years. If Vimal's eighth birthday was celebrated two years before, what is Sneha's present age?

- a) 24 years
- b) 30 years
- c) $6\frac{2}{3}$ years
- d) None of these

Q2. One bottle is half-full of oil and another bottle with twice the capacity is one quarter full of oil. If water is added so that both the bottles are full and the contents of both are then poured into a third bottle that is empty and large enough to hold the contents of both, what fractions of the contents in the third bottle is oil?

- a) $\frac{1}{4}$
- b) $\frac{1}{3}$
- c) $\frac{3}{8}$
- d) $\frac{2}{3}$

ANS: b) $\frac{1}{3}$

Q3. If Jacob sold a watch costing Rs.400 to John at 15% profit and john sold the same to Sudhir at 15% profit, what is the price paid by Sudhir?

- a) 460
- b) 510
- c) 529
- d) 560

ANS: c

Q4. A man buys spirit at Rs. 60 per letter, adds water to it and then sells it at Rs. 75 per litter. What is the ratio of spirit to water if his profit in the feal is 37.5%?

- a) 9:1
- b) 10:1
- c) 11:1
- d) None of these.

ANS: (b) 10.1

Q5. If A and B can do a piece of work in 10 days and A alone can do it in 15 days, how long will B take to do it?

- a) 25
- b) 20
- c) 15
- d) 30

Q6. 2598 Successive discounts of 20% and 15% are equal to a single discount of

- (a) 30%
- (b) 32%
- (c) 34%
- (d) 35%
- (e) 36

ANS: (b)

Q7. A square plate of some size is cut at four corners. Equal squares of the same size are cut and is formed as open box. If this open box carries 128 ml of oil. What is the size of the side of the plate?

- (a) 17
- (b) 14
- (c) 13

(d) None of these

Q8. A merchant sells an item at a 20 percent discount. But still makes a gross profit of 20 percent of the cost. What percent of cost would be gross profit on the item have been if it had been sold without the discount?

- (a) 20%
- (b) 40%
- (c) 50%
- (d) 60%
- (e) 66.6%

ANS: c) 50%

Q9. A boy has Rs. 2. He wins or loses Re. 1 at a time. If he wins he gets Re. 1 and if he loses the game he loses Re.1. He can loose only 5 times. He is out of the game if he earns Rs 5. Find the number of ways in which this is possible?

ANS: 16

Q10. If a boat is moving in upstream with velocity of 14 km/hr and goes downstream with a velocity of 40 km/hr, then what is the speed of the stream?

- (a) 13 km/hr
- (b) 26 km/hr
- (c) 34 km/hr
- (d) none of these

ANS: a