

- **#InfyTQ Previous Year Slots**
Aptitude Questions: -

Q1.

A, B and C started walking from the same point in different directions; A walked East and B walked West in a straight line. C walked South. At the end of 1 hour they were all at the same distance from the starting point. If the distance between A and B is 6 kms, What is the distance between A and C?

I. 4 kms

II. 3 kms

III. 3.5 kms

Iv. 4.24 kms

Q2.

Padmavati Speaks the truth 3 times out of 4 and vareesha speaks the truth 7 times out of 10. Both of them assert that a white hat has been removed from a basket containing hats of 6 different colours?

What is the probability of finding the white hat in the basket?

- 1. $21/40$**
- 2. $19/40$**
- 3. $3/40$**
- 4. $1/36$**

Q3. In a combo pack of a pencil and eraser, the pencil costs Rs.1 more than the eraser.

If the price of the combo is Rs 1.10, what is the price of the eraser?

- 1. 10 Paise**
- 2. 5 Paise**

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3. 15 Paise

4. None of the options

Q4. A tub contains a solution with 83% water and 17% spirit. 10 litres of the solution is removed and replaced with water. The proportion of spirit is now $\frac{136}{9}$ %. How much does the tub hold?

1. 70 litres

2. 80 litres

3. 90 litres

4. 100 litres

Q5. If you have 150 pebbles and need to make packets out of it in such a way that if any number of pebbles up to 150 is required you can hand it over without opening the packets, what is the minimum number of packets you need?

1. 10

2. 11

3. 12

4. None of the given options

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Q6. A series of discounts of 20%, 10% and 10% is equivalent to a single discount of

- 1. 34.6**
- 2. 40**
- 3. 36**
- 4. 35.2**

Q7. Vasha is expected to maintain an average attendance of 9.25 hours per day but she typically spends 8.5 hours a day. After 8 working days she realized the shortfall in her attendance and plans to work an additional 70 minutes over her usual timings every day to make up for the shortfall.

How many working days will she need to meet the required average?

- 1. 3**
- 2. 5**
- 3. 4.5**
- 4. None of the options**

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Q8. A wire bent in the form of a circle encloses an area of 616 sq. cms. If the same wire is bent in the form of a square what will be the area enclosed by it?

- a. 324 sq. cms**
- b. 484 sq. cms**
- c. 488 sq. cms**
- d. 576 sq. cms**

Q9. Five years ago, the sum of Alwyn's age and his father's age was a third of five times the average of present ages of Alwyn and his father. If Alwyn will be 15 years old in 5 years from now, how old is Alwyn's father now?

- 1. 48**
- 2. 45**
- 3. 50**
- 4. None of the options**

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Q10. If $7x - 21y = 20$, then how many positive integer solutions does the equation have?

- 1. 0**
- 2. 3**
- 3. 16**
- 4. Infinite**