

Model Quantitative Aptitude Delphi TVS Placement Questions And Answers

Aptitude Questions on March 2013:

Q1. In June a baseball team that played 60 games had won 30% of its game played. After a phenomenal winning streak this team raised its average to 50%. How many games must the team have won in a row to attain this average?

- a) 12
- b) 20
- c) 24
- d) 30

ANS: c

Q2. At a certain moment a watch shows 2 min lag although it is running fast. If it showed a 3 min lag at that moment, but also gains by $\frac{1}{2}$ min more a day than its current speed it would show the true time one day sooner than it usually does. How many mins does the watch gain per day?

- a) 0.2
- b) 0.5
- c) 0.6
- d) 0.4
- e) 0.75

Q3. A monkey climbs 6 mts and falls 3mts in alternate minutes. Then what is the time taken to climb a tree 60 metres high?

- a) 35
- b) 37
- c) 32
- d) 34

ANS: b) 37

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Q4. In a group of 15, 7 have studied Latin, 8 have studied Greek, and 3 have not studied either. How many of these studied both Latin and Greek?

- a) 0
- b) 3
- c) 4
- d) 5

ANS: b

Q5. A total of 5200 analyses last month required 17300 hours of computer time. Approximately how much time would be required to perform an additional 300 analyses if all other factors remain unchanged?

- a) 330 hours
- b) 540 hours
- c) 660 hours
- d) 940 hours
- e) 1000 hours

Aptitude Questions on June 2013:

Q1. There are 4 quarts in a gallon. A gallon of motor oil sells for Rs.12 and a quart of the same oil sells for Rs.5. The owner of a rental agency has 6 machines and each machine needs 5 quarts of oil. What is the minimum amount of money she must spend to purchase enough oil?

- a) Rs.84
- b) Rs.94
- c) Rs.96
- d) Rs.102

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Q2. A man starts his walking at 3 PM from point A, he walks at the rate of 4 km/hr in plains and 3 km/hr in hills to reach the point B. During his return journey he walks at the rate of 6 km/hr in hills and 4 km/hr in plains and reaches the point A at 9 PM. What is the distance between A and B?

ANS: 12 km

Q3. There are 9 balls of this one is defective. Find the minimum number of chances of finding the defective one.

ANS: 3 times

Q4. There are two boxes, one containing 10 red balls and the other containing 10 green balls. You are allowed to move the balls between the boxes so that when you choose a box at random and a ball at random from the chosen box, the probability of getting a red ball is maximized. This maximum probability is

- a) $\frac{3}{4}$
- b) $\frac{14}{19}$
- c) $\frac{37}{38}$
- d) $\frac{1}{2}$

Q5. One fast typist type some matter in 2 hr and another slow typist type the same matter in 3 hr. If both do combinedly in how much time they will finish?

ANS: 1 hr 12 min

Q6. How many numbers are there between 100 and 200 both inclusive and divisible by 2 or 3?

- a) 67
- b) 68
- c) 84
- d) 100