Sample Aptitude Questions

1. If the 3 digit number AB9 is a perfect square and A+B = 9 then find A?

2. It was calculated that 75 men could complete a piece of work in 20 days. When work was scheduled to commence, it was found necessary to send 25 men to another project. How much longer will it take to complete the work?

3. A student divided a number by 2/3 when he required to multiply by 3/2. Calculate the percentage of error in his result.

4. A man was engaged on a job for 30 days on the condition that he would get a wage of Rs. 10 for the day he works, but he have to pay a fine of Rs. 2 for each day of his absence. If he gets Rs. 216 at the end, he was absent for work for ... days.

5. A contractor agreeing to finish a work in 150 days, employed 75 men each working 8 hours daily. After 90 days, only 2/7 of the work was completed. Increasing the number of men by _____ each working now for 10 hours daily, the work can be completed in time.

6. A man bought a horse and a cart. If he sold the horse at 10 % loss and the cart at 20 % gain, he would not lose anything; but if he sold the horse at 5% loss and the cart at 5% gain, he would lose Rs. 10 in the bargain. The amount paid by him was Rs.- _____ for the horse and Rs._____ for the cart.

7. Five farmers have 7, 9, 11, 13 & 14 apple trees, respectively in their orchards. Last year, each of them discovered that every tree in their own orchard bore exactly the same number of apples. Further, if the third farmer gives one apple to the first, and the fifth gives three to each of the second and the fourth, they would all have exactly the same number of apples. What were the yields per tree in the orchards of the third and fourth farmers?

8. Five boys were climbing a hill. J was following H. R was just ahead of G. K was between G & H. They were climbing up in a column. Who was the second?

9. If a light flashes every 6 seconds, how many times will it flash in ¾ of an hour?

10. Which of the following is larger than 3/5? (1) ½ (2) 39/50 (3) 7/25 (4) 3/10 (5) 59/100

11. The number that does not have a reciprocal is _____.

12. There are 3 persons Sudhir, Arvind, and Gauri. Sudhir lent cars to Arvind and Gauri as many as they had already. After some time Arvind gave as many cars to Sudhir and Gauri as many as they have. After sometime Gauri did the same thing. At the end of this transaction each one of them had 24. Find the cars each originally had.

13. For the following, find the next term in the series1. 6, 24, 60,120, 210

14. What is the number of zeros at the end of the product of the numbers from 1 to 100?

15. A fast typist can type some matter in 2 hours and a slow typist can type the same in 3 hours. If both type combindely, in how much time will they finish?