Aptithon
Sample Questions

Topic	:	**Quantitative Aptitude**
No.of Questions	:	**100**
Mark	:	**1-Mark for each correct answer**
Negative mark	:	**-0.25 for each wrong answer**

Quants_1 If 24AB4 is divisible by 99, then A + B is:

Quants_2 What is the HCF and LCM of $\frac{4}{5}$, $\frac{7}{6}$ and $\frac{11}{25}$

Quants_3 Let a, b, c and d be four positive integers such that $a+b+c+d=200$. If $S=(-1)^a+(-1)^b+(-1)^c+(-1)^d$, then what is the number of possible values of S ?

Quants_4 15 men and 21 women, working together, can do a job in 56 days, while 12 men and 24 women, working together, can do the same job in 64 days. In how many days can the same job be done by 18 men and 24 women, working together?

Quants_5 Anoop travels first $\frac{1}{3}$rd of the total distance at the speed of 10 km/hr and the next $\frac{1}{3}$ rd at 20 kmph and the last $\frac{1}{3}$rd at 60 km/hr. The average speed of Anoop is :

Quants_6 Given that $\triangle DEF \sim \triangle ABC$. If the area of $\triangle ABC$ is 9 cm^2 and that of $\triangle DEF$ is 12 cm^2 and $BC = 2.1cm$, then the length of EF is:

Quants_7 The graphs of the linear equations $3x-2y=8$ and $4x+3y=5$ intersect at the point $P(a,b)$. What is the value of $2a+5b$?

Quants_8 Anil bought two articles A and B at a total cost of Rs.10,000. He sold the article A at 15% profit and the article B at 10% loss. In the whole deal, he made no profit or no loss. Find the selling price of the article A.

Quants_9 Two persons A and B throw a die alternatively till one of them gets a three and wins the game. Find their respective probabilities of winning.

Quants_10 In the following two equations questions numbered (I) and (II) are given. You have to solve both equations and Give answer. $x^2-5x+6=0$ and $3y^2-13y-4=0$