1. If A/B = 3/5,then 15A = ?  
Ans : 9B  
  
2. Each side of a rectangle is increased by 100% .By what percentage does the area increase?

Ans : 300%  
  
3. Perimeter of the back wheel = 9 feet, front wheel = 7 feet on a certain distance, the front wheel gets 10 revolutions more than the back wheel .What is the distance?   
Ans : 315 feet  
  
4. Perimeter of front wheel =30, back wheel = 20. If front wheel revolves 240 times. How many revolutions will the back wheel take?  
Ans: 360 times  
  
5. 20% of a 6 litre solution and 60% of 4 litre solution are mixed. What percentage of the mixture of solution  
Ans: 36%  
  
6.City A's population is 68000, decreasing at a rate of 80 people per year. City B having population 42000 is increasing at a rate of 120 people per year. In how many years both the cities will have same population?  
Ans: 130 years  
  
7.Two cars are 15 kms apart. One is turning at a speed of 50kmph and the other at 40kmph . How much time will it take for the two cars to meet?  
Ans: 3/2 hours  
  
8. A person wants to buy 3 paise and 5 paise stamps costing exactly one rupee. If he buys which of the following number of stamps he won't able to buy 3 paise stamps. Ans: 9  
  
9.There are 12 boys and 15 girls, How many different dancing groups can be formed with 2 boys and 3 girls.  
  
10. Which of the following fractions is less than 1/3  
(a) 22/62   
(b) 15/46   
(c) 2/3   
(d) 1  
Ans: b  
  
11. Can you determine what comes next in the following series of animals?  
Fawn, Bear, Lion, Mole, \_\_?  
  
12. There is a large fresh water reservoir that has two distinct drainage systems - small pipe and large pipe.Six large pipes can drain the reservoir completely in exactly 12 hours while six small pipes will take 18 hours to drain the reservoir.Can you calculate the time that will be taken by 6 large pipes and 6 small pipes together to drain the reservoir?  
  
13. Can you find out the angle between the minute hand and the hour hand at 3:15 on an analog clock?

Intel General aptitude questions ,system concepts questions with answers  
  
Section I - General Aptitude  
  
1. Four persons picking balls. Peter one more than paul. Pam one more than pat.  
Peter + Paul +Pam + Pat = 60;  
Peter + Paul = Pam + Pat + 10.  
How much Peter pick?  
Ans: 18  
  
2. Semi-circle of Radius 12cm. Can a Rectangle of 12cm length & 6cm width be fit in the semi-circle?  
  
3. Two series Questions?   
a. 11  
b. 12  
c. 14  
d. 17  
e. 21 (ans)  
  
4. Complete: 5, 25, 61,113, 181, 265 ( iIm not sure about the exact numbers in 4th qn.)  
  
5. To join 3 tables how many joints are required?  
  
6. Wolf is called as flow, 8256 is called as?  
  
7. 64, 54, 42, 31, 20 find the odd man out?  
  
8. Seven members are there in a meeting. Each should handshake only once with all others. Find the total number of handshakes?  
  
9. if 3 monkeys take 7 minutes to eat 3 bananas, what time will 10 monkeys take to eat 10 bananas? ans: 7 minutes.  
  
10.what time is it now? the no. of minutes from midnight to now is 9 times the no. of minutes from now to noon . i think 10.53 am or 10.47 am

If a and b are positive integers and (a-b)/3.5 = 4/7, then

A. b < a  
B. b > a  
C. b = a  
D. b >= a

Answer : A

What is the selling price of a car if the cost of the car is Rs.60 and a profit of 10% over selling price is earned?

A.  Rs 68  
B.  Rs 67  
C.  Rs 69  
D.  Rs 66

Answer : D

There are 5 red shoes, 4 green shoes. If one draw randomly a shoe what is the probability of getting a red shoe is?

A.  5C1/ 4C1  
B.  4C1/ 9C1  
C.  5C1/ 9C1  
D.  9C1/ 5C1

Answer : C

A company contracts to paint 3 houses. Mr.Brown can paint a house in 6 days while Mr.Black would take 8 days and Mr.Blue 12 days. After 8 days Mr.Brown goes on vacation and Mr. Black begins to work for a period of 6 days. How many days will it take Mr.Blue to complete the contract?

A.  7  
B.  8  
C.  11  
D.  12

Answer : C

 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

Answer : C

 If 9x-3y=12 and 3x-5y=7 then 6x-2y = ?

A.  -5  
B.   4  
C.   2  
D.   8

Answer : D

The price of a product is reduced by 30% . By what percentage should it be increased to make it 100% ?

A. 42.857%   
B. 43%  
C. 45%  
D. 41%

Answer : A

The radian of a number system

A. Is variable  
B. Has nothing to do with digit position value  
C. Equals the number of its distinct counting digits  
D. Is always an even number  
Answer :  C