



2/3 of crockery(plates) are broken, 1/2 have something(handle) broken, 1/4 are both broken and handle broken. Ultimately only 2 pieces of crockery were without any defect. How many crockery were there in total.

A room is 30 X 12 X 12. a spider is on the middle of the smaller wall, 1 feet from the top, and a fly is on the middle of the opposite wall 1 feet from the bottom. what is the min distance reqd for the spider to crawl to the fly.

A man while going down in an escalator(which is moving down) takes 50 steps to reach down and while going up takes 125 steps. If he goes 5 times faster upwards than downwards. What will be the total no of steps if the escalator weren't moving.

The ratio of Boys to Girls is 6:4. 60% of the boys and 40% of girls take lunch in the canteen. What % of class takes lunch in canteen.

There is a six letter word VGANDA. How many ways you can arrange the letters in the word in such a way that both the A's are together.

1. A sequence is given. You should find out error & write correct 1 2 5 10 13 26 29 48.

Ans : Error is 48, there you should write 58.

2. 2,3 6,7 14,15 29,46. Error is 46. In every pair you add 1 to get second number.

Ans :  $29+1=30$

3. A girl is 13'th highest,13th lowest. How many members.

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Ans : 25

4 .Rearrange MERGANY

Ans : GERMANY (country)

5. Rearrange BBIRAT

Ans : RABBIT

6. (passage)

there are 6 persons k,l,m,n,o,p to give seminar

cond: 3 persons should give before lunch and 3 after lunch

l should immediately precede the seminar of m

there should be no gap between l and m .....

Ans : 1. l position is 2

2 m pos is 5

3. k pos is 4

7. (passage)

A is daughter of Y, Z is father of Y. Q is son of Z,

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1. if T is son of Y, then

Ans : T and A brother/sister

2. if m is brother of T, then

Ans : Z is grandfather of M and M & A are brother/sister

3. if Q is son of Z them

Ans : Q & Y are brothers

Q. if speed of ongoing train is 24 and while return is 48 avg = ----

Ans : 32

8.  $0.23 + 0.02323 + 0.002323 \dots = ?$

9.  $0.4 + 0.44 + 0.444 \dots = ?$

10. 1,2,2,4,8,?

Ans : 32



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11.  $55*55*55+45*45*45/55*55-55*45+45*45$

Ans : 100

12.  $4^{61} + 4^{62} + 4^{63} + 4^{64}$  . this sum is divisible by which of the following ?

Ans : 17

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