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There are 3 baskets of fruits with wrong labels, one basket has apple, another basket has orange, another has combination of apple and orange, what is the least way of interchange the labels.

A pipe can fill a tank in 30 min B can fill in 28 min then if $\frac{3}{4}$ th of tank can be filled by B pipe and after wards both are opened then how much time is required by both the pipes to fill the tank completely.

if a man buys 1 lt of milk for 12 Rupees and mixes with 20% of water and sells it for Rs. 15 then what is percentage of gain

A car is journeyed a certain distance in 7 hrs in forward journey in the return journey increased speed 12km/hr takes the times 5 hrs. what is the distance

if a boat is moving in upstream with v_1 km/hr and in the down stream it is moving with v_2 km/hr then what is the speed of the stream.

1. two clocks meet at 12. Next time they meet again after

Ans 65.45

2. Soldiers form a square .Initially 32 soldiers left. Then 8 .After they could not form a square. Total at the beginning

options 100,81,49,67

3. Age of Grandfather is the ages of 4 grandchildren where their ages are in consecutive. Find the age of GF.

I think 72

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4. 3 person waiting for the train Some conditions given.Finally they ask the time.

Ans is 4.37

5. Some Squirrel qs where it covers $\frac{1}{4}$ th distance then $\frac{1}{2}$ i couldnt remember

6. if $m^{\text{pown}}=121$. Then $m^{-1\text{pown}+1}$ is 1000

7. if speed in the ratio 5:4:3 then the time taken to cover the same distance is

8. 20men construct a wall 56m in some days similar one

ans 49 (check aggarwal)

1. If a boat is moving in upstream with velocity of 14km/hr and goes downstream with a velocity of 40km/hr. then what is the speed of the stream?

- (a) 13km/hr
- (b) 26km/hr
- (c) 34km/hr
- (d) none of these

Ans: A

2. find the value of $(0.75*0.75*0.75-0.001)/(0.75*0.75-0.75+0.01)$

- (a) 0.845
- (b) 1.908

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- (c) 2.312
- (d) 0.001

Ans: A

3. A man buys 12 lts of liquid which contain 20% of the liquid and the rest is water. He then mixes it with 10lts of another mixture with 30% of liquid. What is the % of water in the new mixture?

4. A certain number of men can finish a piece of work in 10 days. If however there were 10 men less it will take 10 days more for the work to be finished. How many men were there originally?

- (a) 110 men
- (b) 130 men
- (c) 100 men
- (d) none of these

ans:- A

5. In simple interest what sum amount of Rs. 1120/- in 4 years and Rs.1200/- in 5 years?

- (a) Rs.500
- (b) Rs.600
- (c) Rs.800

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(d) Rs.900

6. $x\%$ of y is $y\%$ of?

(a) x/y

(b) $2y$

(c) x

(d) can't be determined

ans: C

7. The population of a city increases @ 4% p.a. there is an additional annual increases of 4% of the population due to the influx of job seekers. Find the % increase in population after 2 years?

8. The ratio of the number of boys and girls in a school is $3:2$. Out of these 10% the boys and 25% of girls are scholarship holders. % of students who are not scholarship holders?

9. A rectangular plank $(2)^{1/2}$ meters wide can be placed so that it is on either side of the diagonal of a square shown below. (Figure is available). what is the area of the Plank?

ans: $7*(2)^{1/2}$.

Logical Reasoning:

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1. a,c,e,g..

(a) h

(b) i

(c) d

(d) j

Ans: b

2. a,e,i,m,q,u_,_

(a) y,e

(b) b,f

(c) g,i

(d) none

3. 1,2,3,5,7,11....

(a) 15

(b) 9

(c) 13

(d) 12

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ans: c(Series of prime no)

4. 1,3,4,8,15,27,...

(a) 60

(b)59

(c)43

(d)50

5.All pens are elephants. some elephants are cats.

(a) Some pens are cats

(b) No pens are cats

(c) All pens are cats

(d) None of the above

6. Some green are blue. No blue are white.

(a) No green are white

(b) Some green are white

(c) No green are white

(d) None of the above

ans: b

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