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Q1. How many meshes are there in 1 square meter of wire gauge if each mesh is 8mm long and 5mm wide?

- (a) 2500
- (b) 25000
- (c) 250
- (d) 250000

Q2. $x\%$ of y is $y\%$ of ?

- (a) x/y
- (b) $2y$
- (c) x
- (d) cant be determined

Q3. The price of sugar increases by 20%, by what % should a housewife reduce the consumption of sugar so that expenditure on sugar can be same as before ?

- (a) 15%
- (b) 16.66%
- (c) 12%
- (d) 9%

Q4. A man spends half of his salary on household expenses, $1/4$ th for rent, $1/5$ th for travel expenses, the man deposits the rest in a bank. If his monthly deposits in the bank amount 50, what is his monthly salary ?

- (a) Rs.500
- (b) Rs.1500
- (c) Rs.1000
- (d) Rs. 900

Q5. The population of a city increases @ 4% p.a. There is an additional annual increase of 4% of the population due to the influx of job seekers, find the % increase in population after 2 years ?

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Q6. 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.?

Q7. Men take 21 days of 8 hrs. each to do a piece of work. How many days of 6 hrs. each would it take for 21 women if 3 women do as much work as 2 men?

- (a) 30
- (b) 20
- (c) 19
- (d) 29

Q8. A cylinder is 6 cms in diameter and 6 cms in height. If spheres of the same size are made from the material obtained, what is the diameter of each sphere?

- (a) 5 cms
- (b) 2 cms
- (c) 3 cms
- (d) 4 cms

Q9. A rectangular plank $(2\frac{1}{2})$ meters wide can be placed so that it is on either side of the diagonal of a square shown below.(Figure is not available)What is the area of the plank?

ANS: $7 \times (2\frac{1}{2})$

Q10. The difference b/w the compound interest payable half yearly and the simple interest on a certain sum lent out at 10% p.a for 1 year is Rs 25. What is the sum?

- (a) Rs. 15000
- (b) Rs. 12000
- (c) Rs. 10000

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(d) none of these

Q11. What is the smallest number by which 2880 must be divided in order to make it into a perfect square ?

(a) 3

(b) 4

(c) 5

(d) 6

Q12. A father is 30 years older than his son however he will be only thrice as old as the son after 5 years what is fathers present age ?

(a) 40 yrs

(b) 30 yrs

(c) 50 yrs

(d) none of these

Q13. An article sold at a profit of 20% if both the cost price and selling price would be Rs.20/- the profit would be 10% more. What is the cost price of that article?

Q14. If an item costs Rs.3 in 99 and Rs.203 in 00.What is the % increase in price?

(a) $200/3$ %

(b) $200/6$ %

(c) 100%

(d) none of these

Q15. 5 men or 8 women do equal amount of work in a day. a job requires 3 men and 5 women to finish the job in 10 days how many woman are required to finish the job in 14 days.

a) 10

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- b) 7
- c) 6
- d) 12

ANS: 7

Q16. What percentage of numbers from 1 to 70 have 1 or 9 in the units digit?

- A. 1
- B. 14
- C. 20
- D. 21

Q17. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?

- A. 6.25
- B. 6.5
- C. 6.75
- D. 7

Q18. A starts business with Rs. 3500 and after 5 months, B joins with A as his partner. After a year, the profit is divided in the ratio 2 : 3. What is Bs contribution in the capital?

- A. Rs. 7500
- B. Rs. 8000
- C. Rs. 8500
- D. Rs. 9000

Q19. A takes twice as much time as B or thrice as much time as C to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in:

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- A. 4 days
- B. 6 days
- C. 8 days
- D. 12 days

Q20. Tea worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in the ratio 1 : 1 : 2. If the mixture is worth Rs. 153 per kg, the price of the third variety per kg will be:

- A. Rs. 169.50
- B. Rs. 170
- C. Rs. 175.50
- D. Rs. 180