

Question **1**

Not yet answered

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A + B means A is the father of B, A - B means A is the wife of B, A x B means A is the brother of B, A / B means A is the daughter of B.  
If P / R + S + Q, which of the following is true ?

Select one:

- ☒ a. P is the aunt of Q
- ☐ b. P is the daughter of Q
- ☐ c. P is the mother of Q
- ☐ d. Q is the aunt of P

Question **2**

Not yet answered

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A earns 25% more than B. C earns 25% more than A. A earns 20% more than D. E earns 20% more than A. A, B, C, D, and E earn integer amounts less than Rs. 100. What is the total amount earned by all five of them put together?

Select one:

- ☐ a. Rs. 305
- ☐ b. Rs. 300
- ☐ c. Rs. 480
- ☐ d. Rs. 245

Question **3**

Not yet answered

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a is x % of b, b is x% more than a. Find x.

Select one:

- ☐ a. 50%
- ☒ b. 75%
- ☐ c. 62%
- ☐ d. 37%

Question **4**

Not yet answered

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A is x% less than B, A is y% less than C. C is k% more than B. Express k in terms of x and y.

Select one:

- ☐ a.  $(y-x)100/100+y$
- ☐ b.  $(y-x)100/100-y$
- ☐ c.  $(y+x)100/100-y$
- ☐ d.  $(y-x)100/100-x$

Question **5**

Not yet answered

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A man covered a certain distance at some speed. Had he moved 3 kmph faster, he would have taken 40 minutes less. If he had moved 2 kmph slower, he would have taken 40 minutes more. The distance (in km) is :

Select one:

- ☐ a. 40 km
- ☐ b.  $36 \frac{2}{3}$  km
- ☐ c. 35 km

Question **6**

Not yet answered

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A solid cube made of steel is melted and recast such that its length, breadth and height changes as +10%, +10%, -20%. What is the percentage change in surface area of this cube?

Select one:

- ☐ a. No Change
- ☐ b. +2%
- ☐ c. +1%
- ☐ d. -1%

Question **7**

Not yet answered

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A two digit number  $ab$  is 60% of  $x$ . The two-digit number formed by reversing the digits of  $ab$  is 60% more than  $x$ . Find  $x$ .

Select one:

- ☐ a. 72
- ☐ b. 45
- ☐ c. 63
- ☐ d. 54

Question **8**

Not yet answered

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B5D means B is the father of D.

B9D means B is the sister of D.

B4D means B is the brother of D.

B3D means B is the wife of D.

Which of the following means F is the mother of K?

Select one:

- ☐ a. F5M3K
- ☐ b. F3M5N3K
- ☐ c. F3M5K
- ☐ d. F9M4N3K

Question **9**

Not yet answered

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Class B has 50% more students than class A. Number of girls in class A is equal to number of boys in class B. The percentage of girls is the same in both classes. What percentage of the student group are boys?

Select one:

- ☐ a. 25%
- ☐ b. 40%
- ☐ c. 60%
- ☐ d. 33.33%

Question **10**

Not yet answered

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In an examination, 35% of students failed in quants and 42% of students failed in verbal while 14% failed in both the topics. If 222 students passed in both the topics, how many students appeared to write the examination?

Select one:

- ☐ a. 700
- ☐ b. 500
- ☐ c. 600
- ☐ d. 800

Question **11**

Not yet answered

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Krishna borrows Rs. 45K from a bank at 10% compound interest. He repays it in three annual installments that are in arithmetic progression. He ends up paying 54K totally. How much did he pay in year 1?


Select one:

- ☐ a. Rs. 19,500
- ☐ b. Rs. 18,000
- ☐ c. Rs. 21,000
- ☐ d. Rs. 16,500

Question **12**

Not yet answered

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On a certain sum of money, compound interest earned at the end of three years = Rs. 1456. Compound interest at the end of two years is Rs. 880. Compute the principal invested.


Select one:

- ☐ a. Rs. 2,400
- ☐ b. Rs. 2,000
- ☐ c. Rs. 1,600
- ☐ d. Rs. 2,800

Question **13**

Not yet answered

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Pointing out to a lady, Raja said , "She is the daughter of the woman who is the mother of the husband of my mother". Who is the lady to Raja ?


Select one:

- ☐ a. Sister
- ☐ b. Aunt
- ☐ c. Grand daughter
- ☐ d. Daughter

Question **14**

Not yet answered

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Ram earns an interest of 600 over two years on a simple interest basis. On a compound interest basis, at the same interest rate, he would earn Rs. 630. What is the rate of interest?


Select one:

- ☐ a. 30%
- ☐ b. 5%
- ☐ c. 20%
- ☐ d. 10%

Question **15**

Not yet answered

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Ram sells onions in the streets of Chandni Chowk. Due to recent shortfall in the supply of onions, he doubles his selling price despite the cost price remains same for him due to a fixed price contract. He realizes that his profit have tripled. Find the original profit percent.


Select one:

- ☐ a.  $105\frac{1}{3}\%$
- ☐ b.  $200/3\%$
- ☐ c. 100%
- ☐ d. 120%

Question **16**

Not yet answered

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120 workers can complete a piece of work in 85 days and each worker works 10 hour/day. All workers start the work, after 10 days all workers go on strike. Due to strike, work stopped for 25 days. How many more workers should be employed to finish the remaining work on time if each worker works 8 hours/day.


Select one:

- ☐ 100
- ☐ 105
- ☐ 95
- ☐ 115

Question **17**

Not yet answered

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Evaluate  $(313 \times 313 + 287 \times 287)$ .


Select one:

- ☐ 180238
- ☐ 180328
- ☐ 180228
- ☐ 180338

Question **18**

Not yet answered

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What least number must be added to 4000 to obtain a number exactly divisible by 17?

Select one:

- ☐ 15

- ☐ 14
- ☐ 13
- ☐ 12

Question **19**

Not yet answered

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If 40% x equal 50% of y, then y : x is

Select one:

- ☐ 4:5
- ☐ 5:4
- ☐ 2:3
- ☐ 3:2

Question **20**

Not yet answered

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A shopkeeper earns 25% profit on goods by selling at 10% discount. Find the gain percentage when discount is 20%.

Select one:

- ☐ 11 1/9%
- ☐ 9 1/11%
- ☐ 9 2/11%
- ☐ 11 2/9%

Save and Next