Aptitude Practice Test

Topic : Percentage

Total points　16/20　?

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0 of 0 points

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Choose center *

◉ Kharghar

◯ Juhu

Questions　　　　　　　　　　　　　　　16 of 20 points

✓ 1. Ram gets 55 % of total valid votes in an election. If the total votes were *1/1
9000, what is the number of valid votes that the other candidate Shyam
gets if 30 % of the total votes were declared invalid?

○ A. 3465

○ B. 4050

○ C. 2385

◉ D. 2835   ✓

✓ 2. A number is mistakenly divided by 2 instead of being multiplied by 2. *1/1
Find the percentage change in the result.

○ A. 72

◉ B. 75   ✓

○ C. 50

○ D. 65

✓ 3. A rectangular plot length and breadth are increased by 10 % and 30 % *1/1
respectively. Find the increased percentage area of the rectangular plot.

○ A. 34

○ B. 55

◉ C. 43   ✓

○ D. 57

✓ 4. In school, three rows are formed of the students. First row has 50% more students than the second row and the third row has 50% less students than the second row. If the total number of students in all the rows is 900, then find the number of students in the third row.   *1/1

○ A. 60

◉ B. 150   ✓

○ C. 120

○ D. 145

✓ 5. A Stationery seller had some Pens, Sharpeners, Erasers & Pencils. He sells 65% of the total units and still has 175 units. Originally, he had :   *1/1

○ A. 588 units

○ B. 400 units

○ C. 272 units

◉ D. 500 units   ✓

✓ 6. A number is divided into two parts in such a way that 60% of 1st part is 2 more than the 40% of 2nd part and 60% of the 2nd part is 1 more than the 40% of 1st part. Find the numbers.   *1/1

○ A. 12

○ B. 10

○ C. 13

◉ D. 15   ✓

✓ 7. The percentage of metal extracted from a mine of lead ore is 50%.Now *1/1
the percentage of gold is 4/5 % of the metal and the rest is lead. If the
mass of ore extracted from the mine is 6000kg, the mass of the lead is

◉ A. 600   ✓

○ B. 2400

○ C. 1200

○ D. 1800

✓ 8. If the numerator of a fraction is decreased by 15% and its denominator *1/1
is diminished by 10%, the value of the fraction is 2 / 9. Find the original
fraction.

○ A. 4/19

○ B. 5/17

◉ C. 4/17   ✓

○ D. 6/19

✓ 9. The price of a commodity increased by 25 %. By what percent should *1/1
the consumption be reduced so as to keep the expenditure same?

◉ A. 20   ✓

○ B. 25

○ C. 10

○ D. 15

✓ 10. In an examination, there were 2,000 candidates, out of which 900 candidates were girls and rest were Boys. If 38% of the boys and 32% of the girls passed, then the total percentage of failed candidates is? *1/1

○ A. 35.67%

◉ B. 64.75% ✓

○ C. 68.57%

○ D. none of these

✗ 11. The daily wage is increased by 50% and a person now gets Rs 25 per day. What was his daily wage before the increase ? *0/1

○ A. Rs 20

○ B. Rs 16.6

◉ C. Rs 18 ✗

○ D. none of these

Correct answer

◉ B. Rs 16.6

✓ 12. If 12% of x is equal to 6% of y, then 18% of x will be equal to how much % of y ? *1/1

○ A. 7%

◉ B. 9% ✓

○ C. 11%

○ D. none of these

✕ 13. A and B's salaries together amount to Rs. 2,000. A spends 95% of his   *0/1
   salary and B spends 85% of his. If now their savings are the same, what is
   A's salary?

○ A. Rs.500

○ B. Rs.750

◉ C. Rs.1250   ✕

○ D. Rs.1500

Correct answer

◉ D. Rs.1500

✓ 14. The price of an article is cut by 20%. To restore it to the Former value, *1/1
   the new price must be increased by

○ (A) 20%

○ (B) 24%

◉ (C) 25%   ✓

○ (D) 28%

✓ 15. A number is decreased by 10% and then increased by 10%. The   *1/1
   number so obtained is 10 less than the original number. What was the
   oiginal number ?

◉ A) 1000   ✓

○ B) 2000

○ C) 3000

○ D) 4000

✓ 16. Fresh grapes contain 60% water, while dry grapes contain 40% water. *1/1
How many kgs of dry grapes can be obtained by 60 kg of fresh grapes?

○ A) 25 kgs

○ B) 30 kgs

○ C) 35 kgs

● D) 40 kgs   ✓

✓ 17. A batsman scored 120 runs which included 3 boundaries and 8 sixes. *1/1
What percent of his total score did he make by running between the
wickets ?

○ A) 40%

○ B) 45%

● C) 50%   ✓

○ D) 55%

✗ 18. 96% of the population of a village is 23040. The total population of *0/1
the village is ?

○ A) 24000

○ B) 32256

● C) 25478   ✗

○ D) 26587

Correct answer

● A) 24000

✕   19. 45% of 750 - 25% of 480 = ?   *   0/1

○ A) 337.50

○ B) 217.50

◉ C) 376.21   ✕

○ D) 120

Correct answer

◉ B) 217.50

✓ 20. 1100 boys and 700 girls are examined in a test; 42% of the boys and   *1/1
    30% of the girls pass. The percentage of the total who failed is :

○ A. 58

◉ B. 62(2/3)   ✓

○ C. 64

○ D. 67

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