

SRI KRISHNAVENI COACHING CENTRE

Lakshmi Peta, Yemmiganur – 518360. Cell : 9885303408

Website: www.krishnaveni632.yolasite.com

Sub: Arithmetic

PERCENTAGE

Exam for : SSC/ Banking

1. A number is divided into two parts in such a way that 80% of 1st part is 3 more than 60% of 2nd part and 80% of 2nd part is 6 more than 90% of the 1st part. Then the number is
(1) 125 (2) 130 (3) 135 (4) 145
2. 31% of employees pay tax in the year 2008. Non-tax paying employees are 20,700. The total number of employees are
(1) 31,160 (2) 64,750
(3) 30,000 (4) 66,775
3. The number of seats in a cinema hall is increased by 25%. The cost of each ticket is also increased by 10%. The effect of these changes on the revenue collection will be an increase of
(1) 37.5% (2) 45.5% (3) 47.5% (4) 49.5%
4. Neha's weight is 140% of Tina's weight. Mina's weight is 90% of Lina's weight. Lina weighs twice as much as Tina. If Neha's weight is $x\%$ of Mina's weight, then x is equal to
(1) $64\frac{2}{9}$ (2) $77\frac{7}{9}$ (3) 90 (4) $128\frac{4}{7}$
5. Tickets for all but 100 seats in a 10,000 seat stadium were sold. Of the tickets sold, 20% were sold at half price and the remaining tickets were sold at the full price of Rs.20. The total revenue from the ticket sales, in Rs. Was
(1) 158400 (2) 178200
(3) 180000 (4) 198000
6. Shelf A has $\frac{4}{5}$ of the number of books that shelf B has. If 25% of the books in A are transferred to B and then 25% of the books from B are transferred to A, then the percentage of the total number of books that A will have is
(1) 25% (2) 50% (3) 75% (4) 100%
7. In a class, the average score of girls in an examination is 73 and that of boys is 71. The average score for the whole class is 71.8 find the percentage of girls.
(1) 40% (2) 50% (3) 55% (4) 60%
8. If 24-carat gold is considered to be hundred percent pure gold then the percentage of pure gold in 22-carat gold is
(1) $91\frac{3}{4}\%$ (2) $91\frac{2}{3}\%$ (3) $91\frac{1}{3}\%$ (4) $90\frac{2}{3}\%$
9. Two numbers are respectively 10% and 25% more than a third number. What percent is the first of the second?
(1) 88% (2) 65% (3) 75% (4) 80%
10. If 70% of the students in a school are boys and the number of girls be 504, the number of boys is
(1) 1176 (2) 1008 (3) 1208 (4) 3024
11. A number, on subtracting 15 from it, reduces to its 80%. What is 40% of the number?
(1) 75 (2) 60 (3) 30 (4) 90
12. A reduction of 25% in the price of rice enables a person to buy 10kg more rice for Rs.600. The reduced per kg price of rice is
(1) Rs.30 (2) Rs.25 (3) Rs.20 (4) Rs.15
13. Due to an increase of 20% in the price of eggs, 2 eggs less are available for Rs. 24. The present rate of eggs per dozen is
(1) Rs.25.00 (2) Rs.26.20
(3) Rs.27.80 (4) 28.80
14. A reduction of 20% in the price of wheat enables Lalita to buy 5kg more wheat for Rs.320. The original rate (in rupees per kg) of wheat was
(1) 16 (2) 18 (3) 20 (4) 21
15. Due to an increase of 50% in the price of eggs, 4 eggs less are available for Rs.24. The present rate of eggs per dozen is
(1) Rs.24 (2) Rs.27 (3) Rs.36 (4) Rs.42
16. The population of a village increases by 5% annually. If its present population is 4410, then its population 2 years ago was
(1) 4500 (2) 4000 (3) 3800 (4) 3500
17. If a man receives on one fourth of his capital 3% interest, on two third 5% and on the remainder 11%, the percentage he receives on the whole is
(1) 4.5 (2) 5 (3) 5.5 (4) 5.2
18. The population of a village decreases at the rate of 20% per annum. If its population 2 years ago was 10,000, the present population is
(1) 4600 (2) 6400 (3) 7600 (4) 6000
19. If the population of a town is 64000 and its annual increase is 10%, then its correct population at the end of 3 years will be
(1) 80000 (2) 85184 (3) 85000 (4) 85100
20. The value of a property decreases every year at the rate of 5%. If its present value is Rs. 4,11,540, what was its value 3 years ago?
(1) Rs.4,50,000 (2) Rs.4,60,000
(3) Rs.4,75,000 (4) Rs.4,80,000

KEY SHEET

1	3	11	3
2	3	12	4
3	1	13	4
4	2	14	1
5	2	15	3
6	2	16	2
7	1	17	2
8	2	18	2
9	1	19	2
10	1	20	4

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