

1. If 60% of  $(x-y) = 45\%$  of  $(x+y)$  and  $y=k\%$  of  $x$ , then 21% of  $k$  is equal to

A. 7    B. 6    C. 3    D. 1

2. If 22% of  $x = 30\%$  of  $y$ , then  $x : y$  is equal to

A. 15 : 11    B. 15 : 14    C. 17 : 16

D. 11 : 15

3. 150% of 0.05% of  $x$  is 75, then find  $x$

A. 100000    B. 75000    C. 125000

D. 150000

4. If  $25\%$  of 400 +  $35\%$  of 1260 +  $27\%$  of 1800 = 1020 +  $x$ , then the value of  $x$  lies between

A. 6 to 10    B. 16 to 20    C. 0 to 5

D. 11 to 15

5. If  $49\%$  of  $x = y$ , then  $y\%$  of 50 is

A. 50% of  $x$     B. 40% of  $y$     C. 24.5% of  $y$

D. 24.5% of  $y$

6. 250% of  $a = b$ , then  $b\%$  of 250 is the same as  $a\%$  of

A. 625    B. 10000    C. 100    D. 6250

7. 0.08% of 120% of 50000 is equals to

A. 480    B. 48    C. 4800 D. 4.8

8. 2% of  $a = b$ , then  $b\%$  of 10 is the same as

A. 200% of  $a$     B. 20% of  $\frac{a}{10}$

C. 20% of  $\frac{a}{100}$  D. 200% of  $\frac{a}{10}$

9. 5% of  $a = b$  then  $b\%$  of 20 is the same as

A. 20% of  $\frac{a}{2}$     B. 50% of  $\frac{a}{2}$

C. 50% of  $\frac{a}{20}$  D. 20% of  $\frac{a}{20}$

10. If 60% of  $A = 30\%$  of  $B$ ,  $B = 40\%$  of  $C$  and  $C = x\%$  of  $A$ , then value of  $x$  is

A. 800    B. 500    C. 300    D. 200

11. If  $x\%$  of  $y$  is 150 and  $y\%$  of  $z$  is 300, then the relation between  $x$  and  $z$  is

A.  $z=x$     B.  $z=\frac{x}{3}$     C.  $z=\frac{x}{2}$     D.  $z=2x$

12. 8% of 5 liters is

A. 0.4 ml    B. 400 ml    C. 40 ml    D. 4 ml

13. What percentage is 3cm in 12m

A. 0.25 B. 2.5    C. 25    D. 0.025

14.  $\frac{64}{25}$  converted to percentage

A. 25.6 B. 256    C. 2.56    D. .256

15. What percentage of rupees 124 is Rs 49.60

A. 250    B. 40    C. 123

D. 16

16. 2.4 converted to percentage

A. .24    B. 24    C. 240

D. 2.4

17. What is (0.08% of 0.008% of 8)  $\frac{1}{9}$

A. 0.8    B. 0.2    C. 0.64    D. 0.08

18. If 40% of a number is less than its 60% by 30 then the 20% of that number is

A. 60    B. 40    C. 50    D. 30

19. 68 is 25% of which of the following numbers

A. 272    B. 285    C. 204    D. 136

20. If  $66\frac{2}{3}$  of 75% of  $\frac{1}{8}$  of a certain number is 179, then  $33\frac{1}{3}\%$  of three fourth of that number is

A. 537    B. 716    C. 787.6    D. 859.2

21. The difference between a number and one third of that number is 228. What is 20% of that number

A. 68.4    B. 58.9    C. 61.8    D. 72.5

22. The difference of two positive numbers is 1020 if 7.6% of the greater number is 12.4% of the smaller number then the sum of the two numbers is equal to

A. 3250    B. 4250    C. 4520    D. 3520

23. When 50% of a number A is added to B the second number B increased by 25%. the ratio between the numbers A and B

- A. 3:2      B. 2:3      C. 1:2      D. 3:4

24. The sum of two numbers is 520 if the big number is decreased by 4% and the smaller number is increased by 12% then the numbers obtained are equal. the smaller number is

- A. 280      B. 240      C. 210      D. 300

25. Two numbers are respectively 25% and 65% more than a third number the ratio of the two numbers is

- A. 25:42      B. 16:17      C. 16:19      D. 25:33

26. A student a number with  $\frac{3}{4}$  instead of  $\frac{4}{3}$  what is the error percentage

- A. 59.67%      B. 43.75%      C. 67.45%      D. 39.34%

27. If the numerator of a fraction is increased by 15% and the denominator is decreased by 20% then the fraction so obtained is  $\frac{17}{65}$  what is the original fraction

- A.  $\frac{281}{1495}$       B.  $\frac{278}{1495}$       C.  $\frac{267}{1495}$       D.  $\frac{272}{1495}$

28. If House tax is paid before the due date one gets a reduction of 12% on the amount of the bill. By paying the tax before the due date a person got a reduction of rupees 2100 the amount of house tax paid was

- A. 15400      B. 25000      C. 17500      D. 20000

29.  $58\frac{1}{3}\%$  of a number is subtracted from itself we get 640. Find  $131\frac{1}{4}\%$  of the original number

- A. 1848      B. 2016      C. 1638      D. 2268

30. Anuja owns  $66\frac{2}{3}\%$  of a property. If 30% of the property that she owns is worth 125000. Then 45% of the value of the property is

- A. 270000      B. 262500      C. 281250      D. 225000

31. A is 75% less than B and C is 75% of the difference between A and B. C is what percentage more than A

- A. 125      B. 75      C. 100      D. 90

32. 25% of half of x is equal to 2.5 times the value of 30% of one-fourth of y, then x is what percent more or less than y

- A.  $33\frac{1}{3}\%$  less      B. 50% less      C.  $33\frac{1}{3}\%$  more

D. 50% more

33. If the difference between 62% and 80% of a number is 198. Then the difference between 92% and 56% of the number will be

- A. 1100      B. 3564      C. 396      D. 360

34. The income of A is 24% more than the income of B what percent is the income of B less than the income of A

- A.  $\frac{150}{7}\%$       B.  $\frac{500}{31}\%$       C.  $\frac{600}{31}\%$       D.  $\frac{600}{29}\%$

35. There are two numbers when first number is increased by 160% the obtained number is 86 less than second number and if the first number is increased by 110 then obtained number is 200 less than the second number. Find out the sum of two numbers

- A. 570      B. 590      C. 600      D. 550

36. A water pipe is cut into two pieces. The longer piece is 64% of the length of the pipe by how much percentage is the longer piece longer than the shorter piece

- A. 77.77%      B. 36%      C. 81.81%      D. Not

37. If the price of sugar is increased by 20% by what percent must one cut down on the consumption of sugar so that no extra amount has to be incurred on sugar

- A.  $16\frac{2}{3}\%$       B. 20%      C.  $83\frac{1}{3}\%$       D. 80%

38. A number is increased by x% to get back to the original number it is to be reduced by

- A.  $\frac{10x}{100+x}\%$       B.  $\frac{100x}{100+x}\%$       C.  $\frac{x}{100+x}\%$

39. Ravindra invest rupees 3750 which is equal to 15% of his monthly salary in a medical insurance policy. Letter he invests 25% and 8% of his monthly salary on a child education policy and mutual funds respectively. The total amount left with him is

- A. 15000      B. 12000      C. 8000      D. 13000

40. Anu spend 68% of a monthly income. If her monthly income increases by 20% and a monthly savings increases by  $9\frac{3}{8}\%$  then the percentage increase in a monthly expenditure is

- A. 20%      B. 32%      C. 25%      D. 22%

41. The price of cooking oil increase by 25% find by how much percentage of family master ji dues its consumption in order to maintain the same budget

- A. 20%      B. 70%      C. 30%      D. 80%

42. A man spends 75% of his income. If his income increase by 28% and his expenditure increases by 20% then what is the increase or decrease in his savings

- A. 52% decrease      B. 52% increase  
C. 13% decrease      D. 13% increase

43. Raghav spends 80% of his income. If his income increases by 12% and the savings decrease by 10%. Then what will be the percentage increase in his expenditure

- A. 20.5      B. 16      C. 17.5      D.22

44. Monica spend 72% offer income. If her income increases by 20% and savings increased by 15% then our expenditure increases by (correct to 1 decimal place)

- A. 20.8%      B. 20.2%      C. 21.9%      D. 19.8%

45. A man spends 75% of his income. His income increases 20% and his expenditure also increases by 10%. find the percentage increase in savings

- A. 25%      B. 50%      C. 15%      D. 10%

46. Anu spends 90% of her income. If her expenditure increases by 25% and saving increases by 30% then what percent does her salary increase

- A. 25.5%      B. 24%      C. 22.5%      D. 20%

47. The sum of salaries of A and B is rupees 43000. A spends 95% of salary and B spends 80% of his salary. If their savings are the same what is is salary

- A. 10600      B. 8000      C. 35000      D. 34400

48. A and B spend 60% and 75% of his income respectively if A is his Savings is 20% more than B but how much less is A income than B?

- A. 15%      B.20%      C.10%      D.25%

49. Priyanka spends 65% of her income, if her income is 940 rupees and consumption is 20% and savings is 30%, how much did she have initially?

- A.4000      B.3000      C.2000      D.5000

50. Sudha safe 15% offer income if our expenditure increases by 20% and savings increased by 60% then by what percent has her income increased

- A. 26      B. 35      C. 24      D. 30

51. The income of Raju is 44.44% more than his expenditure. if his income increases by 60% and his expenditure increases by 70% then his savings increase by 12000 find the difference between initial expenditure and initial settings

- A. 4000      B. 3600      C. 3200      D. 4800

52. Rishu saves x% of her income. If her income increases by 26% and the expenditure increases by 20%, then her savings increase by 50%. what is the value of x

- A. 30      B. 10      C. 20      D. 25

53. Sonu saves 15% of her income increases by 20% and she still saves the same amount as before, Then what is the percentage increase in her expenditure

- A. 22.8%      B. 23.8%      C. 23.5%      D. 24.2%

54. Ankit was to get a 29% hike in his salary but due to typing error it is wrongly typed the figure 57% and printed the new slip. He received this revised salary for 3 months before the organization realized the mistake. If the excess paid to him in the previous months is to be deducted from his fourth month salary,if after deduction he gets rupees 9000 as 4th month salary then find this actual salary

- A. 28700      B. 21400      C. 25400      D. 25800

55. If A's income is 40% more than the income of B,then what percentage of B's income is less than income of A

- A.  $27\frac{4}{7}\%$       B.  $28\frac{5}{7}\%$       C.  $28\frac{4}{7}\%$       D.  $27\frac{5}{7}\%$

56. The price of sugar has decrease by 15% by what percentage can a person increase the consumption so that there is no change in expenditure

- A.  $\frac{50}{3}\%$       B.  $\frac{300}{23}\%$       C.  $\frac{20}{3}\%$       D.  $\frac{300}{17}\%$

57. The price of sugar is increased by 20% a person wants to increase his expenditure by 8% only. By what percent should he decrease his consumption

A. 10%      B. 11%      C. 9%      D. 12%

58. Surabhi spend 75% offer income if her income increases by 20% and savings decrease by 1% then the percentage increase in her expenditure is

A. 27      B. 2.2      C. 22      D. 2.7

59. The price of rice falls by 35%. How much extra quantity of rice can be bought with the money that was sufficient to buy 104 kg of rice previously

A. 42      B. 56      C. 45.5      D. 52

60. The price of sugar is increased by 18% a person wants to increase the expenditure by 12% only by what percent correct one decimal place should he decrease his consumption

A. 6.2%      B. 5.1%      C. 5.3%      D. 5.6%

61. Due to 25% fall in the rate of eggs one can buy 2 doesn't eggs more than before by investing rupees 162 then the original rate power doesn't of the eggs is

A. 27      B. 22      C. 24      D. 30

62. Reduction of 20% in the price of sugar enable Sur purchaser to obtain 4 kg more mangoes in rupees 160 the original price of sugar per kg is

A. 12      B. 10      C. 14      D. 15

63. Amen's annual income has increased by rupees 1.2 lakhs but the tax on income that he has to pay has reduced from 12% to 10%. He now page the same amount of tax as before what is his increased income

A. 8.4      B. 9.6      C. 7.2      D. 6

64. The price of petrol is increased by 28% a person wants to increase his expenditure by 22% only by approximately what percentage should be decrease is consumption

A. 5.3%      B. 4.9%      C. 4.7%      D. 5.1%

65. If the income tax is increased by 22% the net-income is reduced by 3% the rate of income tax is

A. 12%      B. 10%      C. 8%      D. 14.4%

66. If the income tax is increased by 19%, the net income is reduced by 1% the rate of income tax is

A. 5%      B. 6%      C. 4%      D. 7.2%

67. Fresh fruits contain 68% water and dry fruits contains 20% water . How much dry fruits can be obtained from 100 kg of fresh fruits

A. 60      B. 80      C. 20      D. 40

68. Price of petrol increase from Rs.60 to Rs.75 per ltr. How much should the consumption of petrol be reduced so as to increase expenditure by only 10%

A. 12.5%      B. 15%      C. 20%      D. 12%

69. A solution contains 16.5% of Salt from which 18 ltr. of water is evaporated. Now concentration of salt in solution becomes20.9%. find the initial quantity of solution

A. 85.5      B. 95      C. 88      D. 75

70. The total number of males and females in a town is 70000. Is the number of males is increased by 6% and that of the females is increased by 4%,then the total numbers of males and females in the town would become 73520. What is the difference between the number of males and females in the town in the beginning

A. 1500      B. 1800      C. 2000      D. 1400

71. In an office 70% of the total number of employees is females 80% of the total number of employees including 85 males got promotion. Then what percentage of female employees got promotion

A. 30%      B.  $33\frac{1}{3}\%$       C. 40%      D. 35%

72. There is 26.4% sugar in the 28 ltr. solution of sugar and water. After boiling 6 ltr. water get evaporated from it. Then the percentage of left sugar in the solution

A. 29.4%      B. 30.8%      C. 31.2%      D. 33.6%

73. The population of a village was 9800. In a year with the increase in population of mails by 8% and that a females by 5%,the population of the village became 10458. What was the number of males in the village before increase

A. 4200      B. 5600      C. 4410      D. 6048

74. The present population of a village is 15280. If the number of mails increases by 25% and the number of females increase by 15% then the population will become 18428.The difference between present population of males and females in the village is

A. 1840      B. 1380      C. 920      D. 2760

75. In an exam of 300 marks a student get 75 marks is she had scored 6 more marks she would have attained passing percentage. what is the passing percentage

A. 25      B. 30      C. 35      D. 27

76. Two students A and B appeared for an examination. A secured 8 marks more than B and the marks of the former was 55% of the sum of their marks. The marks obtained by A and B respectively are

- A. 44,36      B. 36,28      C. 38,30      D. 40,32

77. 40% are the passing marks. A student gets 250 marks yet fails by 38 marks. what is the maximum marks

- A. 720      B. 750      C. 800      D. 840

78. Nitish course 62 marks in mathematics, 70 in English 74 in science. what should be her score in social sciences so that she gets an overall 68%

- A. 66      B. 68      C. 67      D. 65

79. Geeta scored 30% and fail by 50 marks while Sandeep, who scored 45% marks got 25 marks more than the minimum marks required to pass the examination. How many marks did Vimal get if he scored 64% marks

- A. 320      B. 436      C. 256      D. 500

80. In an examination 92% of the students passed and 480 students failed if so how many students appeared in the examination

- A. 5000      B. 6000      C. 5800      D. 6200

81. If 35% are the passing marks a student gets 200 marks yet fails by 24 marks what is the maximum marks

- A. 820      B. 640      C. 560      D. 680

82. A candidate scored x% marks in an examination and fails by 'a' marks while another candidate, who scored y% marks get 'b' marks more than the maximum required pass marks. what is the maximum marks for the examinations

A.  $\frac{100(a+b)}{x-y}$       B.  $\frac{100(a-b)}{x+y}$

C.  $\frac{100(a+b)}{y-x}$       D.  $\frac{100(a-b)}{x-y}$

83. In an examination A got 25% marks more than B, B got 10% less than C, and she got 25% more than D. If D got 320 marks out of 500. The marks obtained by A were

- A. 405      B. 450      C. 360      D. 400

84. In a test consisting of 140 questions, a candidate correctly answered 70% of the first 80 questions.

What percentage of the remaining questions does the candidate need to correctly answer to score 60% in the test

- A. 40%      B. 45 1/3%      C. 46 2/3%      D. 35%

85. Meena scores 40% in an examination and after review, even though her score is increased by 50%, she fails by 35 marks. If her post review score is increased by 20%, she will have 7 marks more than the passing score. The percentage score needed for passing the examination is

- A. 70      B. 75      C. 80      D. 60

86. In school 60% of the number of students is boys and the rest are girls. if 20% of the number of boys failed and 65% of the number of girls passed the examination, then the percentage of the total number of students who passed

- A. 68      B. 72      C. 74      D. 78

87. The income of A is 50% more than that of B if the income of A is increased by 40% and the income of B is increased by 90% then the percentage increase in their combined income will be

- A. 64      B. 55      C. 60      D. 70

88. A class have 5 sections that have 25 30 40 45 and 60 students respectively. The pass percentage of this sections are 20% 30% 35% 40% and 100% respectively. The pass percentage of the entire class is

- A. 79%      B. 87%      C. 53%      D. 63%

89. The ratio of the number of boys and girls in a school is 3 :2. If 20% of the boys and 25% of the girls are scholarship holders. The percentage of the school students who are not scholarship holders is

- A. 56      B. 78      C. 70      D. 80

90. A number is first increased by 40% and then decrease by 25% again increased by 15% and then decreased by 20% what is the net increase or decrease percent in the number

- A. 6.4% increase      B. 3.4% decrease  
C. 3.4% increase      D. 7.2% decrease

91. Shopkeeper has certain number of apples of which 10% are found to be rotten. He sells 85% of the remaining good appeals and still has 405 good apples. How many apples did he originally have

- A. 3500      B. 3000      C. 2500      D. 2000

92. The price of oil is increased by 20% however its consumption decreased by  $8\frac{1}{3}\%$  what is the percentage increase or decrease in the expenditure on it

- A. Increased by 10%    B. Increase by 5%  
C. Decrease by 10%    C. Decrease by 5%

93. A number is first increased by 16% and then increased by 14% the number so obtained is now decreased by 30% what is the net increase or decrease percent in the original number (nearest to an integer)

- A. 6% increase    B. 7% decrease  
C. 9% decrease    D. no increase or decrease

94. Enemy lost 10% of its main in war 10% of the remaining diet due to disease and 10% of the rest were declared disabled. Does the strength of the army was reduced to 729000 active men. The original strength of the army was

- A. 1500000    B. 1200000    C. 1000000  
D. 1100000

95. A village lost 12% of its goats in a flood and 5% of remainder died from disease. If the number left now is 8360 what was the original number before the flood

- A. 1000    B. 10000    C. 100000    D. 8360

96. Aman donates 30% of his wealth to charity 30% and 25% of the remaining wealth to his wife and son respectively. The rest he divides equally between his three daughters gets one of his daughters gets rupees 42 lakh as her share. What was the man's wealth (in lakhs)

- A. 280    B. 400    C. 500    D. 350

97. The value of an article depreciates every year at the rate of 10% of its value. if the present value of the article is rupees 729, then its worth 3 years ago was

- A. 1250    B. 1000    C. 1125    D. 1200

98. The strength of school increases and decreases in every alternate year by 10%. it's start with increase in 2000 then the strength of the school in 2003 as compare to that in 2000 was

- A. Increased by 8.9%    B. decreased by 8.9%  
C. increased by 9.8%    D. decreased by 9.8%

99. A number is decreased by 30% then increased by 30% then further increased by 30%. What is the net

increase or decrease percent in the number (correct to nearest integer)

- A. 18% increase    B. 19% decrease  
C. 18% decrease    D. 19% increase

100. Price of an 1 gram gold coin decreased by 10% on its initial price on Monday and increased by 20% on Tuesday and again increased by 8% on Wednesday and 5% increase on Thursday. If the final price on Thursday is rupees 5511.24 then the initial price of one gram gold coin on Monday was

- A. 4500    B. 4250    C. 4000    D. 5000

101. The population of a town has increased by 5% at the end of 1st year and decrease by 4% at the end of second year if the population at the end of second year was 5512248 then the population at the beginning of 1st year was

- A. 5572950    B. 5468500    C. 5623012  
D. 5300420

102. Savita spend 20% of her monthly income on groceries, 15% of the remaining on rent and then 60% of the left over on children's education and others. If she saves rupees 6792 a month, then how much does she spend on rent

- A. 3960    B. 4320    C. 4200    D. 4450

103. If each side of a cube is increased by 10% the volume of the cube will increase by

- A. 30%    B. 10%    C. 33.1%    D. 25%

104. Rajans spent 10% of his salary on rent. He spent 20% of the remaining part of the salary on transport. After which he spend 40% of the balance of the salary on food. Further he spent 80% of the balance on various bill. He deposits rupees 5000 in the bank and kept the remaining rupees 1480 for his own petty expenditure. Find his monthly salary

- A. 75000    B. 80000    C. 82500    D. 64800

105. If the radius of a right circular cylinder is decreased by 20% while its height is increased by 40% then the percentage change in its volume will be

- A. 1.04% increase    B. 10.4% increase  
C. no increase or decrease    D. 10.4% increase

106. If edge of a cube increased by 50% the percentage increase in the surface area is

- A. 125%    B. 50%    C. 100%    D. 75%

107.If each side of a rectangle is decreased by 11% then its area will decrease by

- A. 21.13%    B. 25%    C. 20.79%    D. 24.31%

108.Is the area of a square is decreased by 19% then the diagonal of the square is decreased by

- A. 15%    B. 5%    C. 12%    D. 10%

109.If the radius of a right circular cylinder is decreased by 10% and the height is increased by 20% then the percentage increased or decreased in its volume is

- A. Increased by 2.8%    B. increased by 1.8%  
C. decreased by 1.8%    D. decreased by 2.8%

110. After spending 20% of his salary on grocery and 30% of the remainder on monthly house rent, a man is left with 8,400. What is his monthly salary?

- A. 42,000    B. 28,000    C. 16,800    D. 15,000

111.If each side of a square is decreased by 17% then by what percentage does its area decrease

- A. 31.11%    B. 25%    C. 30.79%    D. 44.31%

112.Number B is 17.5% less than number A, while number C is 22.5% more than number B. If the value of C is given as 8085, what is the value of A?

- A. 7800    B. 7750    C. 8000    D. 8100

113.The population of a city is 225000. If the annual birth rate and death rates are 4.5% and 2.5%, respectively, calculate the increase in the population of the city after 2 years

- A. 9099    B. 9090    C. 9909    D. 9009

114. A software company has only 3 divisions that have 20, 30 and 40 employees, respectively. If the working percentage of this during a weekend were 20%, 30% and 40%, respectively, then the working percentage of the entire company during that weekend was approximately

- A. 0.0032    B. 3.2    C. 0.032    D. 32

115.A man spends 20% of his monthly salary on food and one-fourth of the remaining salary on charity. If he saves 9,600 per month, which is equal to half of the balance after spending on food and charity, then his monthly salary is

- A. 28,000    B. 32,000    C. 26,000    D. 30,000

116.In a school, the final grades of a subject for an academic year are calculated, based on the grades that a student gets in his assignments, tests and a final exam. Assignments have the weight-age of 28%, tests of 22%, and the final exam of 50%.If a student has an assignment grade of 80, a test grade of 75, an exam grade of 86, then his overall grade for the year is

- A. 81.9    B. 80.5    C. 84.6    D. 90.2

117. 70% of students in a class are girls and 70% of the girls have chosen soccer as their favorite sport. If 98 girls have chosen soccer as their favorite sport, what is the total number of students in the class

- A. 180    B. 175    C. 200    D. 225

118. In an election between two candidates, one of the candidates secured 35% of the votes cast and was defeated by the other candidate by 1296 votes. If there were no invalid votes, then the total number of votes polled was

- A. 4546    B. 4230    C. 4456    D. 4320

119.In an election between Ram and Shyamal, one got 30% of the total votes and thus lost by 900 votes. If 90% of the voters voted and no invalid or illegal votes were cast, then what was the numbers of voters in the voting list?

- A. 2800    B. 2500    C. 2700    D. 2300

120. In an election between two candidates, a candidate who gets 72% of votes is elected by a majority of 572 votes. Find the total number of the votes polled. (assuming all votes are valid)

- A. 1100    B. 900    C. 1500    D. 1300

121. In an assembly election of two candidates, the winner got 56% of the total valid votes. 5% of the total votes were declared invalid. If the total number of voters is 3,20,000 then what is the number of valid votes polled for the winning candidate?

- A. 174020    B. 175240    C. 170420    D. 170240

122. In an election between two candidates, one got 40% of the total valid votes, and 30% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got was

- A. 1540    B. 3250    C. 2350    D. 3150

123.In an election between two candidates, 15% of the voters did not cast their votes and 10% of the votes polled were found invalid. The successful candidate got 55% of the valid votes and won by a

majority of 6120 votes. The number of voters enrolled on the voters list was

- A. 70000    B. 80000    C. 72000    D. 75000

124. In a panchayet election candidate A secured 30% of the total votes and did not qualify by 6 votes. Candidate B secured 40% of the total votes and got 6 votes more than the bare minimum to qualify. The total number of votes were \_\_\_\_\_

- A. 140    B. 160    C. 100    D. 120

125. In an election that was contested by 2 candidates, one candidate got 20% of the total votes and yet lost by 600 votes. What is the total number of votes cast in the election, assuming all votes are valid.

- A. 900    B. 700    C. 800    D. 1000

126. In an election between two candidates, 80% of the eligible voters cast their votes, 5% of the votes cast were declared invalid. A candidate got 10545 votes, which were 75% of the total valid votes. Find the total number of eligible voters.

- A. 1775    B. 1625    C. 1575    D. 1525

127. In an election between two candidates, 10% of the voters did not cast their vote and 5% of the votes polled were found invalid. The successful candidate got 5% of the valid votes and won by a majority of 1710 votes. How many voters were enrolled?

- A. 21000    B. 19000    C. 20500    D. 20000

128. In an election, the winning candidate received 15744 votes, which are 48% of the electorate. The only other candidate received 22% of the electorate. What is the number of members who did not vote?

- A. 9860    B. 9870    C. 9840    D. 9850

129. One candidate received 60% of the total valid votes in an election between two candidates. A total of 20% of the votes were invalid. What is the number of valid votes the other candidate received if the total votes were 16250?

- A. 2990    B. 4760    C. 5200    D. 5800

130. The monthly income of Manisha was 1,20,000 and her monthly expenditure was 55,000. Next year, her income increased by 22% and her expenditure increases by 10%. Find the percentage increase in her savings (correct to 2 decimal places)

- A. 28.16%    B. 26.25%    C. 32.15%    D. 30.08%

131. At an election there were two candidates. A candidate got 38% of votes and lost by 7200 votes. The total number of valid votes is \_\_\_\_\_.

- A. 27360    B. 30000    C. 273600    D. 3600

132. A company pays 7.5% commission to its salesman. Additional 2.5% commission on sales above Rs.15000. If the salesman's total income is Rs 18625 then what is the total sales?

- A. 400000    B. 210000    C. 190000    D. NOT

133. In an election 10% of the voters on the voter list did not cast their votes and 60 voters casted blank votes on ballot paper. There were only two candidates. The winner was supported by 47% of all voters in the list and he got 308 votes more than his rival. The number of voters on the list were

- A. 3600    B. 6200    C. 4575    D. 6028

134. A person is given 10% commission on total sales, and 2% bonus on sales above Rs.16000. If his total income is Rs 14080, then what is the total sales?

- A. 60000    B. 80000    C. 100000    D. NOT

135. A company pays its salesperson 15% commission and 2% bonus on sales above Rs.18000. If the seller deposits Rs 75060 in the company excluding his own money from the total sales, then what is the total sales?

- A. 80000    B. 90000    C. 100000    D. NOT

136. A company pays 13% commission to its salesman. And gives 3 bonuses for sales of more than 18000 rupees. If the salesman invests Rs 59340 in the company, then what is the total sales?

- A. 70000    B. 84000    C. 85000    D. 100000

137. A salesman gets 14% commission and he gets another 4.5% bonus on sales above Rs.16000. What is the salesman's income if he gets a bonus of Rs 2160?

- A. 11120    B. 11650    C. 10800    D. 10000

138. In one exam 60% pass in On, 70% pass in English and 50% pass in both. If 40 people failed then how many were the total number of examinees?

- A. 200    B. 180    C. 190    D. 240

139. An exam is conducted on two subjects Mathematics and English. 40% pass in aggregate, 50% pass in English and 40% pass in both subjects. If 60 students fail in total, how many students are there who have passed in each subject?



A. 540      B. 520      C. 630      D. NOT

140. In an exam 34% students failed in Mathematics, 42% failed in English. If 20% students failed in two subjects, find the percentage of students who passed in both subjects.

A. 44      B. 50      C. 54      D. 56

141. A pass with 65% in History and 55% in Geography. If 5% failed in two subjects, then find the percentage of those who passed in both subjects.

A. 20      B. 30      C. 25      D. 35

142. 42 passed in Mathematics, 32 passed in English and 12 failed in both subjects. If the total number of students is 60, how many passed in both subjects?

A. 26      B. 24      C. 20      D. NOT

143. 90% students pass in English and 85% in Mathematics. 150 pass in both subjects. If anyone fails in both subjects, find the total number of students

A. 120      B. 300      C. 220      D. 200

144. In an exam 70% students pass in English and 80% pass in Mathematics. 10% if failed in both subjects. If 144 pass in both subjects then what is the total number of students?

A. 125      B. 240      C. 150      D. 375

145. There are 100 students in a group. 32% play hockey, 64% football and 40% cricket. Again 14% play football and hockey, 15% football and cricket, 13% play hockey and cricket. Only 6% play three sports. then

A. How many students only play one games?

B. How many students only play two games?

C. How many students only play hockey and football but didn't play cricket?

146. In a constituency 55% of the total number of voters are males and the rest are females. If 40% of the males are illiterate and 40% of the females are literate. Then by what percent is the number of literate males more than that of illiterate females

A.  $22\frac{8}{11}$       B.  $18\frac{2}{9}$       C.  $22\frac{2}{9}$       D.  $18\frac{2}{11}$

147. In the class  $83\frac{1}{3}\%$  person of the number of students are girls and the rest are boys. If 60% of the number of boys and 80% of the number of girls are

present, then what percentage of the total number of students in the class is absent

A.  $26\frac{2}{3}$       B.  $22\frac{2}{3}$       C.  $23\frac{1}{3}$       D.  $12\frac{1}{3}$

148. In one test 53% passed in Biology, 60% in History, and 61% in English. Again 24% pass in Life Science and History, 35% in History and English, 27% in Life Science and English. 5% fail in all subjects, then

A. How many students are passed only in History?

B. How many students are passed only in Life Science?

C. How many students are passed only in English?

149. A number which when increased by 16% becomes 1914 . the number is

A. 2220      B. 1650      C. 2010      D. 1780

