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1) From 1980-1990, the population of a country increased by 20%. From 1990-2000, the population of the country increased by 20%. From 2000-2010, the population of the country increased by 20%. Then the overall increased population (in percentage) of the country from 1980-2010 was

- a) 60 % b) 72.2 %
c) 72.8 % d) 62.8 %

2) The present population of a city is 180000. If it increases at the rate of 10% per annum, its population after 2 years will be :

- a) 227800 b) 207800
c) 217800 d) 237800

3) Raman's salary is increased by 5% this year. If his present salary is Rs.1,806, the last year's salary was

- a) Rs.1620 b) Rs.1720
c) Rs.1520 d) Rs.1801

4) The population of a town increases every year by 4%. If its present population is 50,000, then after 2 years it will be

- a) 54,000 b) 53,900
c) 54,080 d) 54,900

5) An epidemic broke out in a village in which 5% of the population died. Of the remaining, 20% fled out of panic. If the present population is 4655, then the population of the village originally was

- a) 6125 b) 6000
c) 5955 d) 5995

6) The population of a town increases each year by 4% of its total at the beginning of the year. If the population on 1st January 2001 was 500000, what was it on 1st January, 2004 ?

- a) 652432 b) 562432
c) 465223 d) 564232

7) The present price of a scooter is Rs. 7,290. If its value decreases every year by 10%, then its value 3 years back was

- a) Rs. 8,000 b) Rs. 10, 500
c) Rs. 10,000 d) Rs. 11,500

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

- a) 4410 b) 4200
c) 5600 d) 6048

9) The population of a town 2 years ago was 62,500. Due to migration to big cities, it decreases every year at the rate of 4%. The present population of the town is:

- a) 56,700 b) 57,600
c) 76,000 d) 75,000

10) The value of a machine is Rs.6,250. It decreases by 10% during the first year, 20% during the second year and 30% during the third year. What will be the value of the machine after 3 years?

- a) Rs.3, 050 b) Rs.2, 650
c) Rs.3, 150 d) Rs.3, 510

11) 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 ?

- a) Rs.4,60,000 b) Rs.4,50,000
c) Rs.4,75,000 d) Rs.4,80,000

12) A man received Rs.8,80,000 as his annual salary of the year 2007 which was 10% more than his annual salary in 2006. His annual salary in the year 2006 was

- a) Rs.8,00,000 b) Rs.4,80,000
c) Rs.4,00,000 d) Rs.8,40,000





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13) Present population of a village is 67600. It has been increasing annually at the rate of 4%. What was the population of the village two years ago ?

- a) 63000 b) 62500
c) 64756 d) 65200

14) The population of a city is 20000. It increases by 20% during the first year and 30% during the second year. The population after two years will be:

- a) 40000 b) 32000
c) 31200 d) 30000

15) In a city, 40% of the people are illiterate and 60% are poor. Among the rich, 10% are illiterate. The percentage of the illiterate poor population is

- a) 60 b) 36 c) 40 d) 50

16) 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

- a) 5 b) 4.5 c) 5.5 d) 5.2

17) In a factory, the production of cycles rose to 48, 400 from 40,000 in 2 years. The rate of growth per annum is

- a) 8% b) 9%
c) 10.5% d) 10%

18) The population of a village increases by 5% annually. If its present population is 4410, then its population 2 years ago was

- a) 4000 b) 4500
c) 3800 d) 3500

19) The value of a machine depreciates every year by 10%. If its present value is Rs.50,000 then the value of the machine after 2 years is _____.

- a) Rs.45,000 b) Rs.40,050
c) Rs.40,005 d) Rs.40,500

20) The value of a machine depreciates by 5% every year. If its present value is Rs.2, 00,000, its value after 2 years will be

- a) Rs.1, 99,000 b) Rs.1, 80,500
c) Rs.1, 80,000 d) Rs.2, 10,000

21) Of the 1000 inhabitants in a town 60% are males of whom 20% are literate. If of all the inhabitants, 25% are literate, then what percentage of the females of the town are literate ?

- a) 32.5 b) 27.5
c) 37.5 d) 22.5

22) The value of a property depreciates every year by 10% of its value at the beginning of the year. The present value of the property is Rs.8100. What was its value 2 years ago ?

- a) Rs. $\left(\frac{90}{100}\right)^2 \times 8100$ b) Rs.10,000
c) Rs. $\left(\frac{110}{100}\right)^2 \times 8100$ d) Rs.9801

23) The population of a village has increased annually at the rate of 25%. If at the end of 3 years it is 10,000, the population in the beginning of the first year was

- a) 5000 b) 5120
c) 4900 d) 4500

24) The population of a town is 9000. If the number of females increases by 5% and the males by 7.5%, what will be the total population after increase. The number of females currently is 3000.

- a) 9200 b) 9600
c) 10500 d) 9540

25) A TV was bought at a price of Rs.21, 000. After one year the value of TV was depreciated by 5%. Find the value of the TV after one year.

- a) Rs.20,950 b) Rs.19,950
c) Rs.18,950 d) Rs.17,950





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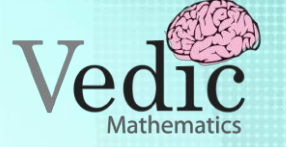
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26) The value of an equipment depreciates by 20% each year. How much less will the value of the equipment be after 3 years ?

- a) 51.2% b) 48.8%
c) 54% d) 60%

27) 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 :

- a) 85184 b) 80000
c) 85000 d) 85100

28) In a town, the population was 8000. In one year, male population increased by 10% and female population increased by 8% but the total population increased by 9%. The number of males in the town was :

- a) 4500 b) 4000
c) 5000 d) 6000

29) If population of women in a village is 90% of population of men, what is the population of men as a percentage of population of women ?

- a) 105% b) 100%
c) 108% d) 111%

30) The population of a town increases by 5% every year. If the present population is 9261, the population 3 years ago was

- a) 5700 b) 8000
c) 6000 d) 7500

31) In a village panchayat society 574 names are enlisted as 'below poverty level'. If 14% of the villagers are below poverty level, the total number of villagers is

- a) 4200 b) 4100
c) 4000 d) 3800

32) 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

- a) 6400 b) 4600
c) 7600 d) 6000

33) The value of a machine depreciates every year at the rate of 10% on its value at the beginning of that year. If the current value of the machine is Rs.729, its worth 3 years ago was:

- a) Rs.750.87 b) Rs.1000
c) Rs.947.10 d) Rs.800

34) A district has 64000 inhabitants. If the population increases at the rate of $2\frac{1}{2}\%$ per annum, the number of inhabitants at the end of 3 years will be

- a) 69200 b) 70000
c) 68921 d) 68911

