PERCENTAGE MCQ

Q 1. The difference between two numbers is 1550. If 8 $\%$ of one number is 10 $\%$ of the other number, then find the two numbers
a. 4973, 6523
b. 5450, 7000
c. 6200, 7750
d. 6500, 4950
Correct Option: (c)
Q 2. Two numbers P and Q are such that, the sum of 2 % of P and Sum of 2 % of Q is two-third of the sum of 2 % of P and 6 % of Q. Find the ratio of P and Q.
a. 2:5
b. 3:1
c. 1:4
d. 5:1
Correct Option: (b)
Q 3. 50 % of a number is 18 less than two-third of that number. Find the number.
a. 123
b. 119
c. 115
d. 108
Correct Option: (d)

Q 4. When 35 is subtracted from a number; it reduces to its 80 %. Find the four-fifth of that

number.
a. 140
b. 125
c. 137
d. 129
Correct Option: (a)
Q 5. The value of lathe machine depreciates at the rate of 10 % per annum. If the cost of machine at present is Rs. 160,000, then what will be its worth after 2 years?
a. Rs. 122,365
b. Rs. 153,680
c. Rs. 129,600
d. Rs. 119,900
Correct Option: (c)
Q 6. The value of Xerox machine depreciates at the rate of 10 % per annum. If the cost of machine at present is Rs. 75,000 then what was the value of machine before 2 years?
a. Rs. 90,000
b. Rs. 92,600
c. Rs. 93,800
d. Rs. 95,000
Correct Option: (b)
Q 7. The current birth rate per thousand is 30, whereas corresponding death rate is 10 per thousand. Find the net growth rate in terms of population increase in percent.
a. 1.5 %
b. 2 %

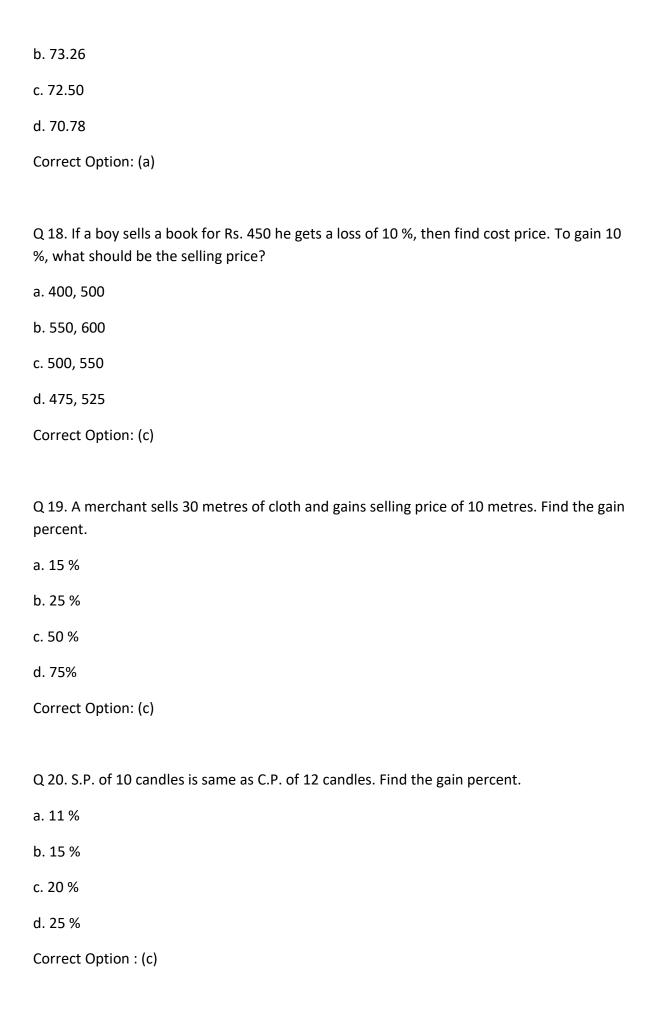
c. 2.5 %
d. 3 %
Correct Option: (b)
Q 8. The total population of a city is 6500. The number of males and females increases by 5 $\%$ and 10 $\%$ respectively and consequently the population becomes 7000. Find the number of males in the village.
a. 4000
b. 3000
c. 3500
d. 2950
Correct Option: (b)
Q 9. The present population of a country is 10 crores. If it rises to 17.28 crores during next 3 years, then find uniform rate of growth in population.
a. 20 %
b. 30 %
c. 40 %
d. 60 %
Correct Option: (a)
Q 10. The population of different trees in a field increased by 10 % in first year, increased by 8 % in second year and decreased by 10 % in third year. If at present the number of trees is 26730, then find the number of tress in the beginning.
a. 30000
b. 25000
c. 27000
d. 27865

Correct Option: (b)
Q 11. The price of diesel increases by 50 %. Find by how much percent a truck owner must reduce his consumption in order to maintain the same budget?
a. 11.11 %
b. 22.22 %
c. 33.33 %
d. 44.44 %
Correct Option: (c)
Q 12. The price of rice falls by 15 %. By what percentage a person can increase the consumption of rice so that his overall budget does not change?
a. 10.74 %
b. 17.64 %
c. 20.46 %
d. 21.90 %
Correct Option: (b)
Q 13. In an examination, P scored 30 % marks and failed by 15 marks. Q scored 40 % marks and obtained 35 marks more than those required to pass. Find the pass percentage.
a. 30 %
b. 33 %
c. 35 %
d. 40 %
Correct Option: (b)

Q 14. In a science examination, the average obtained by entire class was 80 marks. If 10 % of

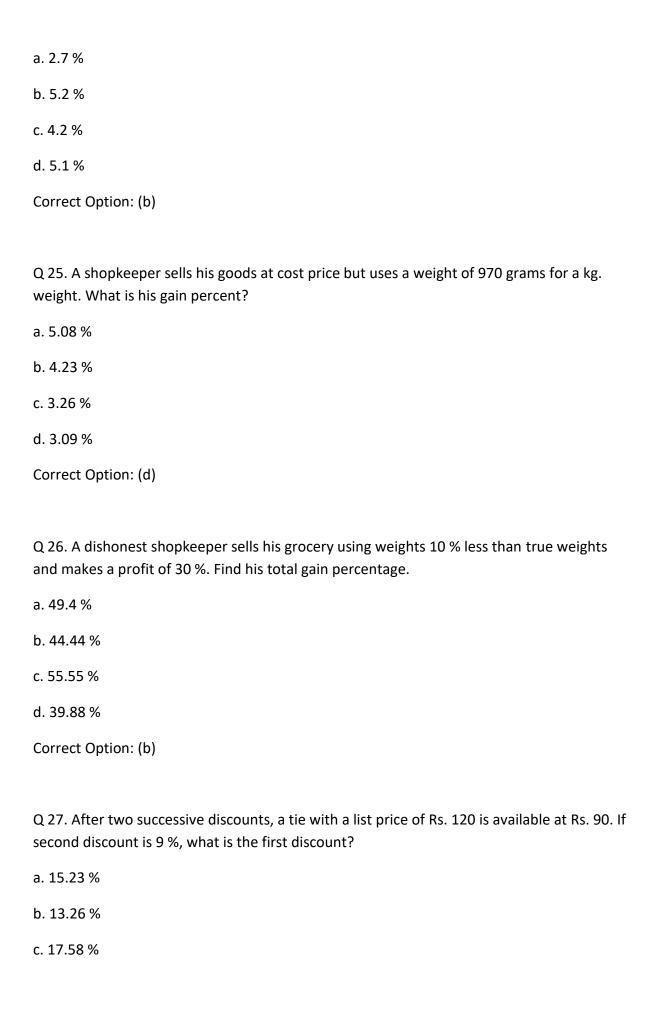
of remaining students?
a. 65.32
b. 70.56
c. 75.43
d. 77.96
Correct Option: (c)
Q 15. A student attempts x number of questions. He answers 15 correctly out of first 20 questions and of the remaining questions, he answers 1/3 correctly. If all questions have same credit and the student gets 50 % marks, then find the value of x.
a. 30
b. 35
c. 45
d. 50
Correct Option: (d)
Q 16. A shopkeeper sells an article for Rs. 200 with a loss of Rs. 20 $\%$. Find the cost price of the article.
a. 220
b. 250
c. 280
d. 260
Correct Option: (b)
Q 17. A trader expects a gain of 15 % on his cost price. If in a week his sale is of Rs. 580, then what is his profit?
a. 75.65

students scored 92 marks and 20 % of students scored 90 marks, then what was the average



Q 21. The selling price of 40 apples is equal to cost price of 35 apples. Find the profit or loss obtained.
a. Gain of 5.5 %
b. Gain of 12.5 %
c. Loss of 5.5 %
d. Loss of 12.5 %
Correct Option: (d)
Q 22. A man purchased two plots for Rs. 5,00,000. On one he gains 15 % while on the other he losses 15%. Find how much does he gain or lose in the transaction.
a. 1.5 %
b. 2 %
c. 2.25 %
d. 2.50 %
Correct Option: (c)
Q 23. A boy bought camel and carriage for Rs. 5000. He sells the camel at a gain of 20% and the carriage at a loss of 10%. If he gains 3% on the whole, then find the cost of the camel.
a. 2170
b. 2400
c. 2315
d. 2600
Correct Option: (a)
O 24. A man sells one camera A for Rs. 7500 at a gain of 20% and another camera B for Rs.

 $8550\ at\ a\ loss\ of\ 5\ \%.$ Find his total loss or gain%.



d. 18.53 %
Correct Option: (c)
Q 28. Find the single discount equivalent to a series discount of 30 %, 20 % and 10 %.
a. 48.3 %
b. 49.6 %
c. 38.21 %
d. 33.33 %
Correct Option: (b)
Q 29. A dealer marks price of all the goods at 30 $\%$ above the cost price and assumes that he will make a profit of 15 $\%$ if he offers a discount of 15 $\%$. Find what will be his actual profit on sales?
a. 15 %
b. 30 %
c. 12.50 %
d. 10.50 %
Correct Option: (d)
Q 30. A manufacturer sells a pair shoes to a wholesale dealer at a profit of 20 %. Wholesaler sells them to retailer at a profit of 25 %. The shoes are again sold to the customer for Rs. 50.50, therby earning a profit of 30 %. Find the cost price of manufacturer.
a. Rs. 20.36
b. Rs. 22.90
c. Rs. 25.89
d. Rs. 30.50
Correct Option: (c)