D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS)
APTITUDE TEST

DISCOUNT – TEST 33

1. The banker's discount on Rs. 1600 at 15% per annum is the same as true discount on Rs. 1680 for the same time and the same rate. The time is:

a) 3 months b) 4 months
c) 6 months d) 8 months

2. A shopkeeper buys an article at a discount of 20% on the listed from a wholesaler. The shopkeeper marks up the price by 15% on the listed price. A buyer pays Rs. 3795 to get it after paying sales tax rate of 10% on the price asked for. Find the profit percentage of the shopkeeper.

a) 43.75% b) 48.75%
c) 42.75% d) 33.75%

3. Applied to a bill for Rs. 50000. Find the difference between a discount of 25 % to that of two successive discounts of 20 % and 10 %?

a) Rs. 2250 b) Rs. 1500
c) Rs. 1750 d) Rs. 1800

4. If Ram sells each chair and table bought by him at discount of 25% and 20% respectively after marking up the prices of both by 50% and gives one 1 chair free for every 4 tables bought by a customer, then what is the net profit/loss % made by Ram after selling all of the items which he bought from the shopkeeper?

a) 2% b) 3%
c) 4% d) **5%**

5. A trader owes a merchant Rs. 10,028 due 1 year hence. The trader wants to settle the account after 3 months. If the rate of interest 12% per annum, how much cash should he pay?

a) Rs. 9025.20 b) Rs. 9200
c) Rs. 9600 d) Rs. 9560

6 . The marked price of a watch is Rs. 1000. A retailer buys it at Rs. 810 after getting two successive discounts of 10% and another rate which is illegible. What is the second discount rate?

a) 15% b) 10%
c) 8% d) 6.50%

7. A bill for Rs. 6000 is drawn on July 14 at 5 months. It is discounted on 5th October at 10%. Banker's discount will be

a) Rs. 120 b) Rs. 117.64
c) Rs. 110 d) Rs. 115.63

8. The present worth of a certain sum due sometime hence is Rs. 1600 and he true discount is Rs. 160, The banker's gain is:

a) Rs. 20 b) Rs. 24
c) Rs. 16 d) Rs. 12

9. The present worth of a sum due sometime hence is Rs. 576 and the banker's gain is Rs. 16. The true discount is

a) Rs. 36 b) Rs. 72
c) Rs. 48 d) Rs. 96

10. The banker's discount and the true discount on a sum of money due 8 months hence rare Rs. 120 and Rs. 110 respectively. The sum is
a) Rs. 1200 b) Rs. 1250
c) Rs. 1300 d) Rs. 1320

11. The true discount on a bill of Rs. 540 is Rs. 90. The banker's discount is:
a) Rs. 60 b) Rs. 108
c) Rs. 110 d) Rs. 112

12. The banker's discount on a sum of money for $1\frac{1}{2}$ years is Rs. 558 and the true discount on the same sum for 2 years is Rs. 600. The rate per cent is
a) 10% b) 13%
c) 12% d) 15%

13. The true discount on a bill due 9 months hence at 16% per annum is Rs. 189. The amount of the bill is:
a) Rs. 1386 b) Rs. 1764
c) Rs. 1575 d) Rs. 2268

14. A man buys a watch for Rs. 1950 in cash and sells it for Rs. 2200 at a credit of 1 year. If the rate of interest is 10% per annum, the man:
a) gains Rs. 55 b) gains Rs. 50
c) loses Rs. 30 d) gains Rs. 30

15. Megha bought some toys at 20% discount on the original price. The original price of each toy was Rs. 40. If she made a total savings of Rs.240, how many toys did she buy?
a) 30 b) 8
c) 12 d) 24

16. In a sale, perfume are available at a discount of 25% on the selling price. If a perfume costs Rs. 5895 in the sale, what is the selling price of the perfume?
a) Rs. 6020 b) Rs. 7860
c) Rs. 7680 d) Cannot be determined

17. The banker's gain on a bill due 1 year hence at 12% per annum is Rs. 6. The true discount is
a) Rs. 72 b) Rs. 36
c) Rs. 54 d) Rs. 50

18. The banker's discount on a bill due 4 months hence at 15% is Rs. 420. The true discount is:
a) Rs. 400 b) Rs. 360
c) Rs. 480 d) Rs. 320

19. The present worth of a sum due sometime hence is Rs. 576 and the banker's gain is Rs. 16. The true discount is:
a) Rs. 36 b) Rs. 72

c) Rs. 48 d) Rs. 96

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20. If the true discount on a certain sum due 6 months hence at 15% is Rs. 120, then banker's discount on the same for the same time and at the same rate will be

a) Rs. 120 b) Rs. 124
c) Rs. 129 d) Rs. 133

21. The difference between successive discounts of 40% followed by 30% and 45% followed by 20% on the marked price of an article is Rs.12. The marked price of the article is

a) Rs.200 b) Rs.400
c) Rs.600 d) Rs.800

22. The profit earned by selling an article for Rs. 832 is equal to the loss incurred when the same article is sold for Rs.448. What should be the sale price for making 50% profit?

a) Rs. 960 b) Rs. 920
c) Rs. 1,060 d) Rs. 1,200

23. Rs. 20 is the true discount on Rs. 260 due after a certain time. What will be the true discount on the same sum due after half of the former time, the rate of interest being the same?

a) Rs. 10 b) Rs. 10.40
c) Rs. 15.20 d) Rs. 13

24. The interest on Rs. 750 for 2 years is the same as the true discount on Rs. 960 due 2 years hence. If the rate of interest is the same in both cases, it is:

a) 12% b) 14%
c) 15% d) $16\frac{2}{3}\%$

25. The simple interest and the true discount on a certain sum for a given time and at a given rate are Rs. 85 and Rs. 80 respectively. The sum is:

a) Rs. 1800 b) Rs. 1450
c) Rs. 1360 d) Rs. 6800

Answer Keys :

1) b	2) a	3) b	4) d	5) b	6) b	7) a	8)c	9)d	10)c
11)b	12)c	13)b	14)b	15)a	16)d	17)d	18) a	19)d	20) c
21)c	22)a	23)b	24)b	25)c					