ANUSHKA ACADEMY

APTITUDE QUIZ

1-10) Refer to the following table and answer the questions. (Assume cost price be Rs.100)

Item	profit	loss	Discount	Marked price (in Rs.)
A	40%	–	30%	–
B	12%			140
C		10%	25%	–
D	12.5%			200
E		17.5%		120

1) what is the ratio between the marked price of item A and the marked price of item C?
a) 7 : 3
b) 4 : 5
c) 6 : 3
d) 4: 7
e) None of these

2) Item D's discount rate is what percentage of item B's discount rate?
a) 19.875%
b) 22.875%
c) 27.875%
d) 21.875
e) None of these

3) What is the discount rate of item E?
a) 41.25%
b) 31.25%

c) 27.08%
d) 22.75%
e) 30.75%

4) What is the difference between total marked price of item A, B, C, D, E and the total selling price of item A, B, C, D , and E?
a) Rs.240
b) Rs.248
c) Rs.228
d) Rs.250
e) None of these

5) If Item A's profit % is decreased by 20% and Item C's loss % is increased by 20% then what is the approximate different between the marked price of Item A and C?
a) Rs. 63
b) Rs.73
c) Rs.65
d) Rs.60
e) None of these.

6) Rahul invested 20% more than Mohit. Mohit invested 10% less than Ragu. If the total sum of their investment is Rs.17880, how much amount did Raghu invest?
a) Rs.6000
b) Rs.7000
c) Rs.8000
d) Rs.5000
e) cannot be determined.

7) A, B, C and D are four salesman in the first month they received a commission of Rs.3200 from their company and divided it in the ratio of 2 : 3 : 4 : 7 in the second month the commission doubled, the amount was doubled in the ratio 3 : 4 : 5 : 4. In the third month the commission tripled when compared to the first month and they shared in the ratio of 4 : 7 : 3: 2 and in the fourth month the commission became half of the previous month and they shared it in

the ratio of 4 : 3 : 5 : 4 . What was the average monthly earning of C over the period?
a) 1575
b) 1675
c) 1625
d) 1525
e) None of these

8) How many 6 digit numbers can be formed out of the number 542658, which are even?
a) 480
b) 720
c) 360
d) 5040
e) None of these

9) Two shops A and B marked the same brand of jeans for Rs.900. Shop A offers successive discounts of 15% and 15% While shop B offers successive discounts of 20% and 10%. Then the difference in the selling price of jeans is?
a) Rs.2.25
b) Rs.3.35
c) Rs.4.45
d) Rs.5.55
e) None of these

10) Let us assume that 20g of sugar dissolves in 100g of water. Even an extra pellet will remain undissolved and sediment at the bottom of the solution. Now, water starts evaporating from 1kg of 7% solution at the rate of 32.5g per hour. After how long will the sediments start to evaporate?
a) 25 hours
b) 20 hours
c) 15 hours
d) 30 hours
e) None of these.

ANSWER

1.e

2.e

3.b

4.e

5.a

6.a

7.d

8.e

9.a

10.b