PRACTICE QUESTIONS

Q1.

At a certain shopping complex, the ratio of the number of security guards to the number of salespersons is 2:12. When 15 more salespersons are hired, the ratio of the number of securityguards to the number of salespersons changes to 2:15. What will be the difference between the number of salespersons and security guards?

A. ○ 50

B. ○ 6

C. ○ 3

D. ○ 40

$$\frac{2x}{12x+15} = \frac{1}{15}$$

$$x = 5$$

$$10:60$$

$$60-10 = 50$$

PRACTICE QUESTIONS

Q2.

Q 09. A and B started a business. The investment of A is thrice of B. After 8 months of business, A withdrawn his share completely. At the same time, C joined the business with an investment of Rs. 200000. If at the end of year, B shares in total profit of Rs. 54000 out of Rs. 198000. What is the investment of A?

Ops: A.   ⃝ Rs. 200000

B.   ⃝ Rs. 300000

C.   ⃝ Rs. 100000
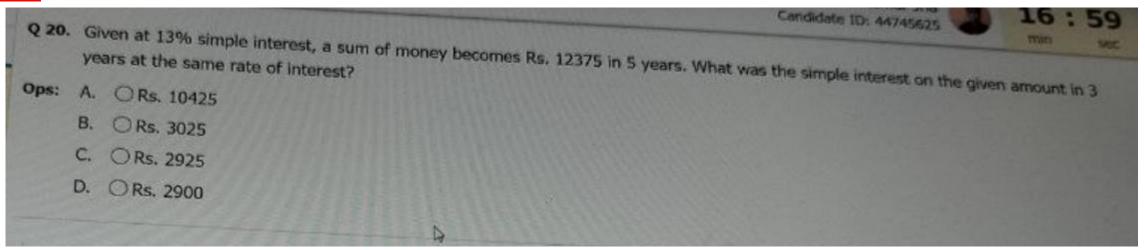
D.   ⃝ Rs. 60000

Q3.

Q 29. What is the total simple interest earned by the bank if they disburses the four equal sum of Rs. 21000 to four different persons named as Kevin, Karl, Kent and Kenny at 5%, 6%, 7% and 8% rate for the period of 1 years, 2 years, 3 years and 4 years respectively?

Ops:
A. ○ Rs. 14700
B. ○ Rs. 15000
C. ○ Rs. 16000
D. ○ Rs. 14000

Q4.

Candidate ID: 44745625

16 : 59
min   sec

Q 20. Given at 13% simple interest, a sum of money becomes Rs. 12375 in 5 years. What was the simple interest on the given amount in 3 years at the same rate of interest?

Ops: A. ◯ Rs. 10425

B. ◯ Rs. 3025

C. ◯ Rs. 2925

D. ◯ Rs. 2900

PRACTICE QUESTIONS

Q5.

Q 21. Number of ways in which 12 letters can be send to 7 persons is _____.

Ops: A. 13^7

B. 12^7

C. $12!*7!$

D. 7^{12}

Q6.

D. ○ 8 days

Q 27. There are 240 boys and 450 girls in a school. For a donation towards Flood Relief Fund in a certain month, each boy donated as many rupees as 25 % of the total number of boys and each girl donated as many rupees as 30% of the total number of girls. What was the total donation made by the school in that month?

Ops: A. ○ Rs. 75000

B. ○ Rs. 74500

C. ○ Rs. 77650

D. ○ Rs. 75150

Q7.

6. Colin can complete a task in 12 days, while John can complete it in x days. Chris can complete the same task in 24 days. John started the task. After 3 days, Colin and John joined. If the task is completed in 4 more days, then find the value of x.

- A. ○ 13
- B. ○ 12
- C. ○ 11
- D. ○ 14

Q8. P and Q can do a piece of work in 6 days and 12 days respectively. If they work on alternate days, starting with P on the first day, in how many days will the work be completed?

A. ⃝ 9 days

B. ⃝ 5 days

C. ⃝ 4 days

D. ⃝ 8 days

Q9.

Q8. Somesh borrowed ₹36,000 from a bank at a 10% p.a. rate of interest compounded annually. Find the amount that he has to pay to the bank after 3 years.

Ps: A. ○ ₹47,916

B. ○ ₹50,578

C. ○ ₹45,254

D. ○ ₹41,952

Q10. For a biased dice, find the value of K if the probabilities for face 'x' to turn up are: $p(x) = kx^{-1}$, where $x = 1, 2, 3, 4, 5$ and 6.

A. ◯ 13/49

B. ◯ 24/49

C. ◯ 20/49

D. ◯ 21/49