Aptitude - Profit & Loss Online Quiz

Following quiz provides Multiple Choice Questions (MCQs) related to **Profit & Loss**. You will have to read all the given answers and click over the correct answer. If you are not sure about the answer then you can check the answer using **Show Answer** button. You can use **Next Quiz** button to check new set of questions in the quiz.

Q 1 - A man offers his at 5% misfortune. On the off chance that he offers it for Rs. 80 more, He picks up 5%. The expense cost of the is:

A - 1600

B - 1200

C - 1000

D - 800

Answer : D

Explanation

```
Let the C.P. be Rs x.Then,
(105/100 * x)- (95/100 * x)=80⇒21x/20-19x/20=80
⇒ (21x-19x) =1600⇒ 2x=1600⇒ x=800
∴C.P. Rs 800.
```

Hide Answer

Q 2 - Mohan purchased 20 feasting tables for rs. 12000 and sold them at a benefit equivalent to the offering cost of 4 eating tables. The offering cost of every eating table is:

A - 700

B - 750

C - 725

D - 775

Answer : B

Explanation

```
C.P of each table = rs. (12000/20) = rs. 600
(S.P of 20 tables)- (C.P of 20% table) = profit = S.P of 4 tables
```

```
⇒S.P of 16 tables = C.P of 20 tables= 1200
⇒ S.P of 1 table = (12000/16) = R.s 750
```

Show Answer

Q 3 - By offering 36 oranges, a merchant loses the offering cost of 4 oranges. His misfortune percent is:

A - 25/2%

B - 100/9%

C - 10%

D - none of these

Answer : C

Explanation

```
(C.P. of 36 oranges)-(s.p of 36 oranges)= loss=S.P of 4 oranges
⇒C.P of 36 oranges = S.P of 40 oranges.
Let the C.P of each be Re 1.
C.P of 40 oranges = Rs. 40, S.P of 40 oranges =36
Loss % = (4/40*100) % =10%
```

Show Answer

Q 4 - If the maker additions 10%, the wholesale merchant 15% and the retailer 25%, then the expense of the generation of an article whose retail cost is rs. 1265, is:

A - 632.50 Rs.

B - 800 Rs.

C - 814 Rs.

D - 834.34 rs.

Answer : B

Explanation

```
Let the cost of production be rs. x. Then,
X* 110/100 *115/100 *125/100 =1265
⇒ X*11/10* 23/20*5/4= 1265
⇒ 11*23*5*x = 1265*800
⇒ x =1265*800/11*23*5 = 800
∴ cost of the production = Rs. 800
```

Hide Answer

Q 5 - A company offers three types of successive discounts: i) 25% and 15%, ii) 30% and 10%, iii)35% and 5%. Which offer is the best for the customer?

A - First Offer

B - Second offer

C - Third offer

D - All are equally good

Answer : C

Explanation

```
First Type = [25 + 15 ? (25*15)/100]%
= 36.25%

Second type = [30 + 10 ? (30*10)/100]%
= 37%

Third Type = [35 + 5 ? (35*5)/100]%
= 38.25%

Hence third offer is best for the customer.
```

Show Answer

Q 6 - When a plot is sold for Rs. 33,300, the owner loses 10%. At what price must that plot be sold in order to gain 10%?

A - 41000

B - 40700

C - 41350

D - 41700

Answer : B

Explanation

```
Let X be the selling price
90: 33300 = 110: X
=>X=33300x110/( 90)=40700
```

Hide Answer

Q 7 - Siddiq buys an old scooter for Rs. 5200 and spends Rs. 1200 on its repairs. If he sells the scooter for Rs. 6000, his gain/loss percent is

A - 6%

B - 6.25%

C - 6.5%

D - 6.75%

Answer : B

Explanation

```
Cost Price (C.P.) = Rs. (5200 + 1200) = Rs. 6400.
Selling Price (S.P.) = Rs. 6000.
Loss = (C.P.) - (S.P.) = Rs. (6400 - 6000) = Rs. 400.
Loss =(C.P-S.P)/(C.P) x100=400/6400x100=6.25%
```

Hide Answer

Q 8 - Three no. are in the proportion 3:4:5. The total of the biggest and the littlest measures up to the third's entirety and 52. The littlest no. is?

A - 20

B - 27

C - 39

D - 52

Answer : C

Explanation

```
Let the numbers be 3x, 4x and 5x.
(5x+3x) = 4x+52
=>  4x =52
=>  x=13
  Smallest no. = (3*13) = 39
```

Show Answer

Q 9 - A merchant offers a markdown of 10% on the stamped cost of an article. What's more, still makes a benefit of 20% . In the event that its checked cost is Rs. 800, At that point the expense cost is:

A - Rs. 600

B - Rs. 700

C - Rs. 800

D - Rs. 900

Answer : A

Explanation

```
M.P  = rs. 800 and discount = 10%
∴ S.P  = Rs. (90/100*800)= 720, profit =20%
∴ C.P = Rs. (100/120*720) = 600
```

Hide Answer

Q 10 - A businessperson sold an aeration and cooling system for Rs. 25935 with a markdown of 9% and earned a benefit of 3.74%. What might have been the rate of benefit earned if no markdown were advertised?

A - 12.3 %

B - 15.6%

C - cannot be resolved

D - none of these

Answer : D

Explanation

```
Let M.P be Rs. x . then
91/100*x= 25935 ⇒ x= (25935*100/91)= 28500⇒
M.P.=Rs 28500.
S.P.=Rs 25935,Gain=3.7%.
∴ C.P.=Rs (100/103.74*25935)=Rs 25000.
New S.P.=Rs 28500, C.P.=Rs 25000.
∴ New Gain%=(3500/25000*100)%=14.
```

Show Answer