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India's Number 1 Education App

## MATHS

## BOOKS - S CHAND IIT JEE

## FOUNDATION

## PROFIT AND LOSS AND DISCOUNT

Solved Examples

1. A person incurs $5 \%$ loss by selling a watch
for Rs. 1140. At what price should the watch be

## D Watch Video Solution

2. A vendor bought buttons at 6 for rupee.

How many for a rupee must he sell to gain
$20 \%$ ?

## D Watch Video Solution

3. If 3 toys are sold at the cost price of 4 toys of the same kind, the profit will be :
4. A shopkeeper gains $20 \%$ while buying the goods and $30 \%$ while selling them. Find his total gain percentage.

## D Watch Video Solution

5. A man sells a bicycle at a gain of $10 \%$. If he had bought it at $10 \%$ less and sold it for Rs.

132 less, he would have still gained $10 \%$. The cost price of the article is

## D Watch Video Solution

6. A shopkeeper sells two T.V. sets at the same price. There is a gain of $20 \%$ on one TV and a
loss of $20 \%$ on the other. State which of the following statement is correct :
A. The shopkeeper neither gains nor loses.
B. The shopkeeper loses by $2 \%$
C. The shopkeeper gains by $4 \%$
D. The shopkeeper loses by $4 \%$

## Answer: D

## D Watch Video Solution

7. A book seller bought 200 textbooks for Rs.

1200 He wanted to sell them at a profit that he
gets 20 books free At what profit per cent should he sell them ?
8. A owned article worth Rs. 10,000 . He sold it to $B$ at a profit of $10 \%$ based on the worth of the article B sold the article back to A at a loss of $10 \%$ How much did A make in these transactions?
A. Rs. 1800
B. Rs. 1560
C. Rs. 1320
D. Rs. 1100

## Answer: Rs. 1100.

## D Watch Video Solution

9. I bought two tables for Rs. 5400 . I sold one at a loss of $5 \%$ and the other at gain of $7 \%$ In the whole transaction, I neither gained nor lost. Find the costs of the tables separately.

## D Watch Video Solution

10. Ram mixes 15 kg of sugar purchased at the rate of Rs. 8.00 per kg with 25 kg of sugar purchased at the rate of Rs. 10.00 per kg. At what rate per kg should Ram sell the mixture to get a profit of 3 per kg ?
A. Rs. 12.25
B. Rs. 11.25
C. Rs. 13.25
D. Rs. 14.25

Answer: Rs. 12.25

## - Watch Video Solution

11. A shopkeeper offers $2.5 \%$ discount on cash purchases. What cash amount would Rohan pay for a cycle, the marked price of which is Rs. 650? Rs. 633.25 b. Rs. 633.75 c. Rs. 634 d. Rs. 635
12. A pair of articles was bought for Rs. 37.40 at a discount of $15 \%$. What must be the marked price of each of the articles? Rs. 11 b . $R s .22$ c. Rs. 33 d. $R s .44$

## - Watch Video Solution

13. Find the selling price of an article if a
shopkeeper allows two successive discounts of $5 \%$ each on the marked price of Rs. 80. Rs. 70.10 b. Rs. 70.20 c. Rs. 72 d. Rs. 72.20
14. A dealer buys an article marked at Rs.

25000 with $20 \%$ and $5 \%$ off He spends Rs.

2000 on its repairs and sells it for Rs. 25000.

What is his gain or losss \% ?

## D Watch Video Solution

15. The marked price of a watch is Rs. 800. A customer gets two successive discount on the marked price, the first being $10 \%$. What is the
second discount if the customer pays Rs. 612

## for it?

A. $14 \%$
B. $15 \%$
C. 17\%
D. $18 \%$

Answer: $15 \%$
( Watch Video Solution
16. A shopkeeper allows a discount of $10 \%$ on
his goods. For cash payments he further allows a discount of $20 \%$ Find a single discount equivalent of the above offer.
A. $25 \%$
B. $28 \%$
C. $32 \%$
D. $35 \%$

Answer: $28 \%$
17. A shopkeeper sells his goods at $10 \%$ discount on the marked price. What price
should be marked on an article that costs him

Rs. 900 to gain $10 \%$ ?
A. Rs. 800
B. Rs. 900
C. Rs. 1000
D. Rs. 1100

Answer: Rs. 1100.

## D Watch Video Solution

18. The marked price of an article is Rs. 200. A discount of $12 \frac{1}{2} \%$ is allowed on the marked price and a profit of $25 \%$ is made. What is the cost price of the article?
A. Rs. 120
B. Rs. 140
C. Rs. 160
D. Rs. 180

Answer: Rs. 140

## D Watch Video Solution

19. A dealer marks an item $40 \%$ above the cost price and offers a discount of $25 \%$ on
the marked price. What is his profit percentage?

Section A Question Bank 11 A

1. 100 oranges are bought for Rs. 350 and sold at the rate of Rs. 48 per dozen. The percentage of profit or loss is :
A. $15 \%$ loss
B. $15 \%$ gain
C. $14 \frac{2}{7} \%$ loss
D. $14 \frac{2}{7} \%$ profit
2. If Ashok makes a profit of $25 \%$ on the selling price what will be his profit on C.P. ?
A. $40 \%$
B. $20 \%$
C. $33 \frac{1}{3} \%$
D. $25 \%$

Answer: C
3. A person sells 320 mangoes at the cost of 400 mangoes. What is his profit per cent ?
A. $10 \%$
B. $15 \%$
C. $20 \%$
D. $25 \%$

Answer: D

- Watch Video Solution

4. A shopkeeper sells an article at a loss of $12 \frac{1}{2} \%$. Had he sold it for Rs. 51.80 more than he would have earned a profit of $6 \%$. The cost price of the article is
A. Rs. 280
B. Rs. 300
C. Rs. 380
D. Rs. 400

## - Watch Video Solution

5. A dealer buys an old cooler listed at Rs. 950 and gets a discount of $10 \%$. He spends Rs. 45
for its repair. If he sells the cooler at a profit of
$25 \%$, then the selling price of the cooler is
A. Rs. 1125
B. Rs. 1215
C. Rs. 1251
D. Rs. 1512

Answer: A

## D Watch Video Solution

6. A merchant has 1000 kg of sugar,part of
which he sells at $8 \%$ profit and the rest at $18 \%$
profit.He gains $14 \%$ on the whole. The quantity sold at $18 \%$ profit is
A. 560 kg
B. 600 kg
C. 400 kg

## D. 640 kg

## Answer: B

## D Watch Video Solution

7. The cost of price f 20 articles is the same as
the selling price of $x$ articles. If the profit is
$25 \%$ then the value of $x$ is 15 b. 16 c. 18 d. 25
A. 15
B. 16

## C. 18

D. 25

## Answer: B

## D Watch Video Solution

8. An article passing through two hands is sold at a profit of $38 \%$ at the original cost price. If the first dealer makes a profit of $20 \%$, then the profit percent made by the second is 5 b .12 c . 15 d. 10
A. 15
B. 12
C. 10
D. 5

Answer: A

## D Watch Video Solution

9. A person bought some articles at the rate of 5 per rupee and the same number at the rate of 4 per rupee. He mixed both the types and
sold at the rate of 9 for 2 rupees. In this
business he suffered a loss of Rs. 3. The total
number of articles bought by him was 540 b.

545 c. 1080 d. 1090
A. 1090
B. 1080
C. 540
D. 545

Answer: B
10. A person sells a table at a profit of $20 \%$. If
he had bought it at $10 \%$ less cost and sold
for Rs. 105 more he would have gained $35 \%$.
The cost price of the table is
A. Rs. 7000
B. Rs. 7350
C. Rs. 9200
D. Rs. 8140
11. The percentage of loss when an article is sold at Rs. 50 is the same as that of the profit when it is sold at Rs. 70. The above mentioned percentage of profit or loss on the article is
A. $10 \%$
B. $12 \%$
C. $16 \frac{2}{3} \%$
D. $8 \frac{1}{3} \%$

Answer: C

## D Watch Video Solution

12. In what ratio must a grocer mix teas at Rs.

60 a kg, and Rs. 65 a kg, so that by selling the mixture at Rs. 68.20 a kg, he may gain $10 \%$ ?
A. $3: 2$
B. 3: 4
C. $3: 5$
D. $4: 5$

Answer: A

## D Watch Video Solution

13. A tradesman sold an article at a loss of
$20 \%$. If the selling price had been increased by
Rs. 100 , there would have been a gain of $5 \%$.
The cost price of the article was:
A. Rs. 200
B. Rs. 225
C. Rs. 400

## D. Rs. 250

## Answer: C

## D Watch Video Solution

14. A man bought two goats for Rs. 1008. He sold one at a loss of $20 \%$ and the other a profit of $44 \%$. If each goat was sold for the same price, the cost price of the goat which was sold at a loss was
A. Rs. 648
B. Rs. 360
C. Rs. 568
D. Rs. 440

Answer: A

## - Watch Video Solution

15. Two-thirds of a consignment was sold at a profit of $6 \%$ and the rest at a loss of $3 \%$. If however there was an overall profit of Rs. 540,
the value of consignment was $R s .15000$ b.
$R s .18000$ c. $R s .16000$ d. none of these
A. Rs. 15000
B. Rs. 16000
C. Rs. 18000
D. Rs. 16500

Answer: C

## D Watch Video Solution

16. A man sells two horses for Rs. 1485. The cost price of the first is equal to the selling price of the second. If the first is sold at $20 \%$ loss and the second at $25 \%$ gain, what is his total gain or loss (in rupees) ?
A. Rs. 80 gain
B. Rs. 60 gain
C. Rs. 60 loss
D. Neither gain nor loss

## - Watch Video Solution

17. A trader purchases a watch and a wall clock for Rs.390. He sells them making a profit of $10 \%$ on the watch and $15 \%$ on the wall clock. He earns a profit of Rs. 51.50. The difference between the original prices of the wall clock and the watch is equal to $R s .80 \mathrm{~b} . R s .100 \mathrm{c}$.

Rs. 110 d. Rs. 120
A. Rs. 110
B. Rs. 100
C. Rs. 80
D. Rs. 120

Answer: A

## D Watch Video Solution

18. The profit earned by selling an article for

Rs. 900 is double the loss incurred when the
same article is sold for Rs. 450. At what price
should the article be sold to make $25 \%$ profit?
$R s .600$ b. Rs. 750 c. Rs. 800 d. data inadequate
A. Rs. 750
B. Rs. 800
C. Rs. 600
D. Rs. 900

Answer: A

D Watch Video Solution
19. A person A sells a table costing Rs. 2000 to
a person $B$ and earns a profit of $6 \%$. The
person $B$ sells it to another person $C$ at a loss of $5 \%$. At what price did $B$ sell the table ?
A. Rs. 2054
B. Rs. 2050
C. Rs. 2024
D. Rs. 2014

Answer: D
20. Sanjay sold a bicycle to Salman at $46 \%$
profit. Salman spent Rs. 40 on repairs and sold
it to Sunit for Rs. 1500. In this deal, Salman
made neither profit nor loss. What is the cost price for Sanjay ?
A. Rs. 900
B. Rs. 960
C. Rs. 1000
D. Rs. 1060

Answer: C
21. In a certain store, the profit is $320 \%$ of the cost. If the cost increases by $25 \%$ but the selling price remains constant, approximately what percentage of the selling price is the profit? a. $30 \%$ b. $70 \%$ c. $100 \%$ d. $250 \%$
A. $30 \%$
B. $70 \%$
C. $100 \%$

## D. $250 \%$

## Answer: B

## D Watch Video Solution

22. A man gains $10 \%$ by selling an article for a certain price.If he sells it at double the price,then the profit made is
A. $120 \%$
B. $60 \%$
C. $100 \%$
D. $80 \%$

Answer: A

## D Watch Video Solution

23. If selling price is doubled, the profit triples.

Find the profit percent. $66 \frac{2}{3}$ b. 100 c. 120 d . $105 \frac{1}{3}$
A. $66 \frac{2}{3}$
B. 100
C. $105 \frac{1}{3}$
D. 120

Answer: B

## D Watch Video Solution

24. A cycle agent buys 30 bicycles, of which 8 are first grade and the rest are second grade,
for Rs. 3150 . Find at what price he must sell the first grade bicycles so that if he sells the
second grade bicycles at three quarters of the
price, he may make a profit of $40 \%$ on his out
lay?
A. Rs. 200
B. Rs. 240
C. Rs. 18000
D. Rs. 210

Answer: C

D Watch Video Solution
25. I purchased 120 exercise books at the rate of Rs. 3 each and sold $\frac{1}{3}$ of them at the rate of
4 each, $\frac{1}{2}$ of them at the rate of Rs. 5 each and the rest at the cost price. My profit percent is

$$
44 \% \text { b. } 45 \% \text { c. } 44 \frac{4}{9} \% \quad \text { d. } 44 \frac{2}{3} \%
$$

A. $44 \%$
B. $44 \frac{4}{9} \%$
С. $44 \frac{2}{3} \%$
D. $45 \%$
26. A man bought two old scooters for Rs.
18000. By selling one at a profit of $25 \%$ and the other at a loss of $20 \%$, he neither gains nor loses. Find the cost price of each scooter.
A. 12000, 6000
B. 8000,10000
C. 11000,7000
D. 13000,5000

Answer: B

## D Watch Video Solution

27. Mohan bought 20 dining les for Rs. 12000 and them at a profit equal to the selling price of 4 dining tables. The selling price of 1 dining table is $R s .700$ b. $R s .725$ c. $R s .750$ d. $R s .775$
A. Rs 700
B. Rs. 750
C. Rs. 725

D. Rs. 775

## Answer: B

## D Watch Video Solution

28. Veenu purchased two types of wheat, one costing Rs. 20 per kg and the other Rs. 25 per kg in quantities having ratio $5: 4 \mathrm{He}$ mixed the two and sold the mixture at Rs. 24 per kg. In
the transaction he got

$$
\text { A. } 2 \% \text { loss }
$$

B. $2 \%$ gain
C. $8 \%$ gain
D. $8 \%$ loss

## Answer: C

## D Watch Video Solution

29. By selling a transistor for Rs. 572, a shopkeeper earns a profit equivalent to $30 \%$ of the cost price of the transistor. What is the cost price of the transistor ?
A. Rs. 340
B. Rs. 400
C. Rs. 440
D. Rs. 350

## Answer: C

## D Watch Video Solution

30. A man bought goods worth 6000 and sold half of them at a gain of $10 \%$. At what gain percent must he sell the remainder so as to
get a gain of $25 \%$ on the whole? $25 \%$ b. $30 \%$
c. $35 \%$ d. $40 \%$
A. $40 \%$
B. $30 \%$
C. $25 \%$
D. $20 \%$

Answer: A

D Watch Video Solution

1. At a clearance sale, all goods are on sale at $35 \%$ discount. If I buy a dress marked Rs. 800, how much would I need to pay?
A. Rs. 280
B. Rs. 350
C. Rs. 520
D. Rs. 600

## Answer: C

2. After allowing a discount of $26 \%$ on the marked price of an article, it is sold at Rs. 444.

Find its marked price.
A. Rs. 500
B. Rs. 550
C. Rs. 640
D. Rs. 600

Answer: D
3. Find the rate of discount when an article marked at Rs. 1500 is sold at Rs. 1140.
A. $25 \%$
B. $76 \%$
C. $24 \%$
D. $20 \%$

## Answer: C

4. The marked price of an article is Rs. 500. It is sold at successive discounts of $20 \%$ and $10 \%$.

The selling price of the article (in rupees) is :
A. 350
B. 375
C. 360
D. 400

Answer: C
5. For the purchase of a motor car, a man has to pay 17000 when a single discount of $15 \%$ is allowed. How much will he have to pay for it if two successive discounts of $5 \%$ and $10 \%$ respectively are allowed? $R s .17000$ b. Rs. 17010 c. Rs. 17100 d. Rs. 18000
A. Rs. 17000
B. Rs. 17010
C. Rs. 17100

D. Rs. 18000

## Answer: C

## D Watch Video Solution

6. By giving a discount of $10 \%$ on the marked price of Rs. 1100 of a cycle, a dealer galns $10 \%$.

The cost price of the cycle is :
A. Rs. 1100
B. Rs. 900

## C. Rs. 1089

D. Rs. 891

Answer: B

## D Watch Video Solution

## 7. Ashok buns a car at $20 \%$ discount of the

 price and sells it at $20 \%$ higher price. His percentage gain is $20 \%$ b. $40 \%$ c. $50 \%$ d. $66 \frac{2}{3} \%$A. $40 \%$
B. $50 \%$
C. $66 \frac{2}{3} \%$
D. $20 \%$

Answer: B

## D Watch Video Solution

8. A dealer buys a table listed at Rs. 1,500 and gets successive discounts of $20 \%$ and $10 \%$. He spends Rs. 20 on transporta tion and sells it at
a profit of $20 \%$. Find the selling price of the table.
A. Rs. 15800
B. Rs. 1650
C. Rs. 1188
D. Rs. 1210

Answer: D

D Watch Video Solution
9. a dealer buys a car listed at Rs. 200000 at
successive discounts of $5 \%$ and $10 \%$. If he sells the car for Rs. 179550, then his profit is
A. $10 \%$
B. $9 \%$
C. $5 \%$
D. $4 \%$

Answer: C

- Watch Video Solution

10. A fan is listed at Rs. 1400 and the discount offered is $10 \%$ What additional discount must be given to bring the net selling price to Rs. 1200 ?
A. $16 \frac{2}{3} \%$
B. $5 \%$
C. $4 \frac{16}{21} \%$
D. $6 \%$

## Answer: C

11. A trader marks his goods at $40 \%$ above
the cost price but allows a discount of $20 \%$ on the marked price. His profit percentage is
A. $20 \%$
B. $10 \%$
C. $8 \%$
D. $12 \%$

Answer: D
12. A shopkeeper buys an article for Rs. 180.

After allowing a discount of $10 \%$ on his marked price, he wants to earn a profit of $20 \%$ His marked price must be
A. Rs. 210
B. Rs. 240
C. Rs. 270
D. Rs. 300

Answer: B

## D Watch Video Solution

13. A pen is listed for Rs. 12. A discount of $15 \%$
is given on it. A second discount is given bringing the price down to Rs. 8.16. The rate of second discount is
A. $15 \%$
B. $18 \%$
C. $20 \%$
```
D. \(25 \%\)
```


## Answer: C

## D Watch Video Solution

14. A single discount equivalent to successive discounts of $30 \%, 20 \%$ and $10 \%$ is
A. $50 \%$
B. $51 \%$
C. $49.4 \%$

## D. $49.6 \%$

## Answer: D

## D Watch Video Solution

15. A shopkeeper offers his customers ${ }^{`} 10 \%$
discount and still makes a profit of $26 \%$. What
is the actual cost to him of an article marked

Rs 280?
A. Rs. 175
B. Rs. 200
C. Rs. 215
D. Rs. 225

Answer: B

## D Watch Video Solution

16. An article is listed at Rs. 900 and tow successive discounts of $8 \%$ and $8 \%$ are given on it. How much would the seller gain or lose,
if he gives a single discount o $16 \%$ instead of
two discounts? $G a \in$ of $R s 4.76 \quad$ b.
Los $f$ Rs.5.76
c. Loss of Rs.4.76
d.
$G a \in o f R s .5 .76$
A. Gain, Rs. 4.76
B. Loss, Rs. 5.76
C. Gain, Rs. 5.76
D. Loss, Rs. 4.76

Answer: B

D Watch Video Solution
17. A wholesaler sells 20 pens at the marked price of 15 pens to a retailer. The retailer in turn sells them giving a discount of $2 \%$ on the marked price. The gain per cent ot the retailer is

## D Watch Video Solution

18. The marked price of an electric iron is Rs.
19. The shopkeeper allows a discount of
$10 \%$ and gains $8 \%$. If no discount is allowed,
his gain per cent would be
A. $20 \%$
B. $24 \%$
C. $25 \%$
D. $28 \%$

Answer: A

## D Watch Video Solution

19. A dealer buys an article for Rs 380. At what price must he mark it so that after allowing a discount of $5 \%$, he still makes a profit of $25 \%$ ?
A. Rs. 400
B. Rs. 450
C. Rs. 500
D. Rs. 600

## Answer: C

## D Watch Video Solution

20. Successive discounts of $12 \frac{1}{2} \%$ and $7 \frac{1}{2} \%$ are given on the marked price of a cupboard. If
the customer pays Rs. 2590, then what is the marked price?
A. Rs. 3108
B. Rs. 3148
C. Rs. 3200
D. Rs. 3600

Answer: C
( Watch Video Solution

## 21. The difference between a discount of $35 \%$

and two successive discounts of $20 \%$ on a
certain bill was Rs. 22 Find the amount of the bill.
A. Rs. 1100
B. Rs. 2000
C. Rs. 2200
D. Rs. 1000

## Answer: C

22. A shopkeeper purchased 150 identical pieces of calculators at the rate of Rs. 250 each. He spent an amount of Rs. 200 on transport and packing. He fixed the labelled of each calculator at Rs. 320. However, he decided to gave a discount of $55 \%$ on the labelled price. What is the percentage profit earned by him? $14 \%$ b. $15 \frac{1}{2} \% \quad$ c. $16 \frac{2}{3} \%$ d. $20 \%$ e. none of these
A. $14 \%$
B. $15 \%$
C. $16 \%$
D. $20 \%$

Answer: A

## - Watch Video Solution

23. By selling an article at $\frac{2}{5}$ of the market price there is a loss of $25 \%$. The ratio of the marked price and the cost price of the article is $2: 5$ b. $5: 2$ c. $8: 15$ d. $15: 8$
A. $2: 5$
B. 5: 2
C. $8: 15$
D. $15: 8$

## Answer: D

## D Watch Video Solution

24. Two shopkeepers sell a radio of similar brand and type at the same list price of Rs.
25. The first allows two successive discounts
of $20 \%$ and $10 \%$ and the second allows two
successive discounts $15 \%$ and $15 \%$. Find the difference in the discounts offered by the two shopkeepers.
A. Rs. 3.50
B. Rs. 2.50
C. Rs. 1.50
D. Rs. 1.75

Answer: B
25. A discount of $15 \%$ on one article is the same as a discount of $20 \%$ on another article.

The costs of the two articles can be Rs. $40, R s .20 \quad$ b. Rs. $60, R s .40 \quad$ c.

Rs. 80, Rs. 60 d. Rs. $60, R s . ~ 40$
A. Rs. 40, Rs. 20
B. Rs. 60, Rs. 40
C. Rs. 80, Rs. 60
D. Rs. 50, Rs. 30

## Answer: C

## - Watch Video Solution

## Self Assessment Sheet

1. A referigerator and a camera were sold for

Rs. 12,000 each. The referigerator was sold at a
loss of $20 \%$ of the cost and the camera at a gain of $20 \%$ of the cost. The entire transaction results in which one of the following ?
A. No loss or gain
B. Loss of Rs. 1,000
C. Gain of Rs. 1000
D. Loss of Rs. 2,000

Answer: B

## D Watch Video Solution

2. A man sells a book at a profit of $20 \%$. If he had bought if at $20 \%$ less and sold it for Rs. 18
less, he would have gained $25 \%$. The cost price
of the book is $R s .60$ b. $R s .70$ c. $R s .80 \mathrm{~d}$. Rs. 90
A. Rs. 80 gain
B. Rs. 70
C. Rs. 60
D. Rs. 90

Answer: D
( Watch Video Solution
3. If a shopkeeper sells $\frac{1}{3}$ of his gods at a profit of $14 \% \frac{3}{5}$ of the goods at a profit of $17 . \%$ and the remaining at a profit of $20 \%$, then his profit on the whole is equal to $15.5 \%$ b. $16 \%$ c. $17 \%$ d. $16.5 \%$
A. $15.5 \%$
B. $16 \%$
C. $16.5 \%$
D. $17 \%$

Answer: C
4. A shopkeeper sells an item at a loss of $12 \frac{1}{2} \%$. In order the gain $6 \%$ profit, he must increase the selling price by Rs. 92.50 . The cost price of the item is :
A. Rs. 500
B. Rs. 450
C. Rs. 550
D. Rs. 600

## D Watch Video Solution

5. A shopkeeper sold a TV set for Rs. 17,940
with a discount of $8 \%$ and earned a profit of
$19.6 \%$. What would been the percentage of profit earned if no discount was offered ?
A. $24.8 \%$
B. $25 \%$
C. $26.4 \%$

## D. None of these

## Answer: A::B::C::D

## D Watch Video Solution

6. A dealer lists his articles at $20 \%$ above cost
price and allows a discount of $10 \%$. His gain per cent is
A. $10 \%$
B. $8 \%$
C. $6 \%$
D. $5 \%$

## Answer: B

## D Watch Video Solution

7. A machine is sold at a profit of $10 \% \mathrm{Had}$ it
been sold for Rs. 40 less, there would have been a loss of $10 \%$. What was the cost price?
A. Rs. 175
B. Rs. 200
C. Rs. 225
D. Rs. 250

Answer: B

## - Watch Video Solution

8. Reena goes to a shop to buy a radio, costing

RS 2568. The rate of value added tax is $7 \%$. She tells the shopkeeper to reduce the price of the radio to such an extant that she has to pay Rs

2568, inclusive of value added tax. Find the reduction needed in the price of the radio.
A. Rs. 179.76
B. Rs. 17010
C. Rs. 168
D. Rs. 169

Answer: C
9. A house costs $C$ rupees. Later it was sold for
a profit of $25 \%$ What is the capital tax if it is
$50 \%$ of the profit?
A. $C / 24$
B. $C / 8$
C. $C / 4$
D. $C / 2$

Answer: B

D Watch Video Solution
10. If selling price of an article is $\frac{4}{3}$ of its cost price, the profit in the transaction is $16 \frac{2}{3} \% \mathrm{~b}$. $20 \frac{1}{2} \%$ с. $25 \frac{1}{2} \%$ d. $33 \frac{1}{3} \%$
A. $\frac{1}{3} \%$
B. $20 \frac{1}{2} \%$
C. $33 \frac{1}{3} \%$
D. $25 \frac{1}{2} \%$

Answer: C

- Watch Video Solution

