

## **APTITUDE QUIZ**

### **Profit-Loss Questions and Answers**

**Q.1. A shopkeeper gives 12% additional discount on the discount price, after giving an initial discount of 20% on the labelled price of a radio. If the final sale price of the radio is Rs. 704, then what is its labelled price?**

- (A) Rs. 844.80
- (B) Rs. 929.28
- (C) Rs. 1000
- (D) Rs. 1044.80

**Q.2. 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?**

- (A) Rs. 11
- (B) Rs. 22
- (C) Rs. 33
- (D) Rs. 44

**Q.3. A fan is listed at Rs. 1500 and a discount of 20% is offered on the list price what additional discount must be offered to the customer to bring the net price to Rs. 1104?**

- (A) 8%
- (B) 10%
- (C) 12%

(D) 15%

**Q.4. A bag marked at Rs. 80 is sold for Rs.68. The rate of discount is :**

(A) 12%

(B) 15%

(C)  $17\frac{11}{17}\%$

(D) 20%

**Q.5. 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:**

(A) Rs. 40, Rs. 20

(B) Rs. 60, Rs. 40

(C) Rs. 80, Rs. 60

(D) Rs. 60, RS. 40

**Q.6. Garima purchased a briefcase with an additional 10% discount on the reduced price after deducting 20% on the labelled price. If the labelled price was Rs. 1400, at what price did she purchase the briefcase?**

(A) Rs. 980

(B) Rs. 1008

(C) Rs. 1056

(D) Rs. 1120

(E) None of these

**Q.7. If the S.P of Rs. 24 results in a 20% discount on list price, what S.P would result in a 30% discount on list price?**

- (A) Rs. 18
- (B) Rs. 20
- (C) Rs. 21
- (D) Rs. 27

**Q.8. If a company sells a car with a marked price of Rs. 2,72,000 and gives a discount of 4% on Rs. 2,00,000 and 2.5% on the remaining amount of Rs. 72,000, then the actual price charged by the company for the car is**

- (A) Rs. 2,50,000
- (B) Rs. 2,55,000
- (C) Rs. 2,60,100
- (D) Rs. 2,62,200

**Q.9. Jatin bought a refrigerator with 20% discount on the labelled price. Had he bought it with 25% discount, he would have saved Rs. 500. At what price did he buy the refrigerator?**

- (A) Rs. 5000
- (B) Rs. 10,000
- (C) Rs. 12,500
- (D) Rs. 15,000

**Q.10. A shopkeeper offers 2.5% discount on cash purchase. What cash amount would Rohan pay for a cycle, the marked price of which is Rs. 650?**

- (A) Rs. 633.25

(B) Rs. 633.75

(C) Rs. 634

(D) Rs. 635

**Q.11. A manufacture offers a 20% rebate on the marked price of a product. The retailer offers another 30% rebate on the reduced price.**

**The two reductions are equivalent to a single reduction of :**

(A) 40%

(B) 44%

(C) 46%

(D) 50%

**Q.12. A trader marks up his good by 80% and gives discount of 25%.**

**Beside it he weights 10% less amount, while selling his goods. What is the net profit of trader?**

(A) 50%

(B) 35%

(C) 45%

(D) 55%

**Q.13. Successive discount of 10%, 12%, and 15% amount to a single discount of :**

(A) 32.68%

(B) 35.28%

(C) 36.68%

(D) None of these

**Q.14. A trader sells two articles, one at a loss of 10% and another at a profit of 15% but finally there is no loss or gain. If the total sale price of these two articles is Rs. 30000, find the difference between their cost price.**

- (A) Rs. 240
- (B) Rs. 420
- (C) Rs. 640
- (D) None of these

**Q.15. List price of an article at a showroom is Rs. 2000 and it is being sold at successive**

- (A) Rs. 1400
- (B) Rs. 1440
- (C) Rs. 1520
- (D) Rs. 1700

**Q.16. Abhishek and Bhanu both are dealers of KML scooters. The price of a KML scooters is Rs. 28000. Abhishek gives a discount of 10% on whole, while Bhanu gives a discount of 12% on the first Rs. 20000 and 8% on the rest Rs. 8000. What is the difference between their selling price?**

- (A) Rs. 240
- (B) Rs. 420
- (C) Rs. 640
- (D) None of these

**Q.17. Find the selling price of an article if a shopkeeper allows two successive discounts of 5% each on the marked price of Rs. 80**

- (A) Rs. 70.10
- (B) Rs. 70.20
- (C) Rs. 72
- (D) Rs. 72.20

**Q.18. ITC sells one product at a profit of 20% another at a loss of 20% at the same selling price. What is the loss incurred by ITC?**

- (A) 1%
- (B) 2%
- (C) 4%
- (D) 0%

**Q.19. The price of VCR is marked at Rs. 12,000. If successive discounts of 15%, 10% and 5% be allowed, then at what price does a customer buy it?**

- (A) Rs. 8400
- (B) Rs. 8721
- (C) Rs. 8856
- (D) None of these

**Q.20. A dealer buys a washing machine, listed at Rs. 10000 and gets 10% and 20% successive discounts. He spends 10% of his CP on transport. At what price (in rupees) should he sell the washing to earn a profit of 10%?**

(A) 8722

(B) 7892

(C) 8712

(D) 8840

**ANSWER**

**1. C**

**2. B**

**3. A**

**4. B**

**5. C**

**6. B**

**7. C**

**8. D**

**9. B**

**10. B**

**11. B**

**12. A**

**13.A**

**14.B**

**15.B**

**16.A**

**17.D**

**18.C**

**19.B**

**20.C**