Profit, Loss, and Discount

1. **A product is bought for $150 and sold for $180. What is the profit percentage?**
   - A) 20%
   - B) 25%
   - C) 30%
   - D) 40%

   Answer: B) 20%

2. **If a shopkeeper buys an item for $240 and sells it for $300, what is the gain or profit?**
   - A) $60
   - B) $50
   - C) $70
   - D) $80

   Answer: A) $60

3. **An item is purchased for $500 and is sold at a loss of 10%. What is the selling price?**
   - A) $450
   - B) $460
   - C) $475
   - D) $400

   Answer: A) $450

4. **A customer buys a dress at a 25% discount on the original price of $200. What is the discount amount?**
   - A) $50
   - B) $40
   - C) $60
   - D) $30

   Answer: A) $50

5. **If a person sells an item at a 15% discount and the selling price is $255, what was the original price?**
   - A) $300
   - B) $275
   - C) $270
   - D) $250

   Answer: A) $300

Simple and Compound Interest

1. **What is the simple interest on $800 at an annual interest rate of 5% for 3 years?**
   - o A) $120
   - o B) $130
   - o C) $150
   - o D) $180

   Answer: A) $120

2. **If $1,200 is invested at an annual interest rate of 6% compounded annually, what will be the amount after 2 years?**
   - o A) $1,272
   - o B) $1,265
   - o C) $1,274.40
   - o D) $1,285.20

   Answer: C) $1,274.40

3. **A sum of $500 is invested at a compound interest rate of 8% per annum for 1 year. What is the compound interest earned?**
   - o A) $40
   - o B) $50
   - o C) $45
   - o D) $55

   Answer: A) $40

4. **If $1,000 is invested for 3 years at an annual compound interest rate of 5%, what is the amount after 3 years?**
   - o A) $1,157.63
   - o B) $1,100.00
   - o C) $1,115.76
   - o D) $1,120.00

   Answer: A) $1,157.63

5. **The simple interest on a sum of money for 4 years is $320 at a rate of 5% per annum. What is the principal amount?**
   - o A) $1,600
   - o B) $1,800
   - o C) $2,000
   - o D) $2,400

   Answer: C) $2,000