Instructions for using the interactive questions:

Click on the link and press “Run” to start the question. Press the “Maximize” button on the bottom window to hide the code and enlarge the question display. All answers are exact numbers but if the question states a number of decimal places to use, please answer what is asked. Type your answer without units.

Test 1 Content: Trade discounts, Cash discounts, Markup and Markdown

Textbook Chapter 6

6.1: Trade discounts

Question 1: Net price given list price and amount of discount
Question 2: List price given net price and amount of discount
Question 3: Net price from list price and discount rate
Question 4: Single equivalent discount rate from a series of discount rates

6.2: Credit terms and cash discounts

Question 5: Credit terms meaning
Question 6: Timing and application of a cash discount
Question 7: Partial payments on an invoice

6.3 Markup

Question 8: Selling price, cost, expenses and profit
Question 9: Markup from cost and expenses
Question 10: Markup rate of selling price

6.4 Markdown

Question 11: Total cost
Question 12: Sale price and markdown
Question 13: Operating profit or loss
Test 2 Content: Simple Interest and Compound Interest

Textbook Chapter 7

7.1: Amount of simple interest

Question 14: Interest, principal, rate and time
Question 15: Interest from principal, rate and days of the loan
Question 16: Finding days in a time period

7.2 Solving for time, interest rate and the principal of a loan

Question 17: Solving for the time of a loan
Question 18: Solving for the interest rate of a loan
Question 19: Solving for the principal of a loan

7.3 Maturity value

Question 20: Finding maturity value of a loan from principal and interest
Question 21: Finding maturity value from principal, interest rate and time

7.4 Principal of a loan

Question 22: Finding the principal from the maturity value, interest rate and time

Textbook Chapter 9: Compound interest

9.1 Periodic interest rate

Question 23: Finding the periodic interest rate of a loan

9.2 Future value of a loan

Question 24: Finding the future value of a loan with compound interest

9.3 Present value of a loan

Question 25: Finding the present value of a loan with compound interest

9.5 Equivalent payments

Question 26: Finding equivalent time values of payments with compound interest
Question 27: Determining whether a compounded amount is a PV or FV
Test 3 Content: Ordinary Simple Annuities

Textbook Chapter 11: Ordinary Simple Annuities

11.2 Finding the future value of an ordinary simple annuity

Question 28: FV of an ordinary simple annuity

11.3 Finding the present value of an ordinary simple annuity

Question 29: PV of an ordinary simple annuity

11.4 Finding the periodic payment of an ordinary simple annuity

Question 30: Periodic payment given the future value

Question 31: Periodic payment given the present value

Test 4 Content: Further Compound Interest and General Annuities

Textbook Chapter 10: Further topics in Compound Interest

10.2 Finding i and related problems

Question 32: Finding the nominal compound interest rate

10.3 Effective and equivalent interest rates

Question 33: Effective rate of compound interest

Textbook Chapter 12: General and Constant-Growth Annuities

12.1 FV of a General Annuity

Question 34: Finding the future value of an ordinary general annuity

12.2 PV of a General Annuity

Question 35: Finding the present value of an ordinary general annuity

Question 36: Determining whether to find PV or FV of a general annuity

12.3 Finding the payment of a General Annuity

Question 37: Finding the payment of a general annuity from the FV

Question 38: Finding the payment of a general annuity from the PV