CHAPTER 1

# THE PURPOSE AND USE OF FINANCIAL STATEMENTS

### Summary of Question TYPEs by LEARNING Objective, Level of difficulty, BLOOM’S TAXONOMY, CPA CODES, and AACSB Codes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Item** | **LO** | **LOD** | **Bloom’s** | **CPA** | **AACSB** | **Item** | **LO** | **LOD** | **Bloom’s** | **CPA** | **AACSB** | **Item** | **LO** | **LOD** | **Bloom’s** | **CPA** | **AACSB** |
| **True-False Statements** |
| 1. | 1 | E | K | F | AN | 13. | 2 | E | K | F | AN | 25. | 4 | M | K | F | AN |
| 2. | 1 | E | C | F | AN | 14. | 2 | E | K | F | AN | 26. | 4 | M | K | F | AN |
| 3. | 1 | E | C | F | AN | 15. | 2 | M | K | F | AN | 27. | 4 | E | K | F | AN |
| 4. | 1 | E | K | F | AN | 16. | 2 | E | K | F | AN | 28. | 4 | M | K | F | AN |
| 5. | 1 | E | K | F | AN | 17. | 3 | E | K | F | AN | 29. | 4 | E | K | F | AN |
| 6. | 1 | E | K | F | AN | 18. | 3 | E | K | F | AN | 30. | 4 | M | C | F | AN |
| 7. | 1 | M | C | F | AN | 19. | 3 | M | K | F | AN | 31. | 4 | E | C | F | AN |
| 8. | 1 | M | C | F | AN | 20. | 3 | E | K | F | AN | 32. | 4 | E | K | F | AN |
| 9. | 1 | M | C | F | AN | 21. | 3 | M | K | F | AN | 33. | 4 | M | C | F | AN |
| 10. | 1 | M | C | F | AN | 22. | 3 | E | C | F | AN | 34. | 4 | E | K | F | AN |
| 11. | 1 | M | C | F | AN | 23. | 4 | M | K | F | AN |  |  |  |  |  |  |
| 12. | 2 | E | K | F | AN | 24. | 4 | E | K | F | AN |  |  |  |  |  |  |
| **Multiple Choice Questions** |
| 35. | 1 | E | K | F | AN | 61. | 3 | M | C | F | AN | 87. | 4 | M | C | F | AN |
| 36. | 1 | E | K | F | AN | 62. | 3 | E | C | F | AN | 88. | 4 | E | C | F | AN |
| 37. | 1 | M | K | F | AN | 63. | 3 | E | C | F | AN | 89. | 4 | E | C | F | AN |
| 38. | 1 | M | K | F | AN | 64. | 3 | M | C | F | AN | 90. | 4 | E | K | F | AN |
| 39. | 1 | E | K | F | AN | 65. | 3 | M | K | F | AN | 91. | 4 | E | C | F | AN |
| 40. | 1 | E | K | F | AN | 66. | 3 | M | K | F | AN | 92. | 4 | H | AP | F | AN |
| 41. | 1 | E | K | F | AN | 67. | 3 | M | C | F | AN | 93. | 4 | M | AP | F | AN |
| 42. | 1 | E | K | F | AN | 68. | 3 | E | K | F | AN | 94. | 4 | M | AP | F | AN |
| 43. | 1 | E | K | F | AN | 69. | 3 | E | C | F | AN | 95. | 4 | M | AP | F | AN |
| 44. | 1 | E | C | F | AN | 70. | 3 | E | C | F | AN | 96. | 4 | M | K | F | AN |
| 45. | 1 | M | C | F | AN | 71. | 3 | E | K | F | AN | 97. | 4 | M | C | F | AN |
| 46. | 1 | E | K | F | AN | 72. | 3 | E | K | F | AN | 98. | 4 | M | K | F | AN |
| 47. | 1 | E | K | F | AN | 73. | 3 | E | K | F | AN | 99. | 4 | E | K | F | AN |
| 48. | 2 | E | C | F | AN | 74. | 3 | E | K | F | AN | 100. | 4 | M | K | F | AN |
| 49. | 2 | E | K | F | AN | 75. | 3 | M | C | F | AN | 101. | 4 | M | C | F | AN |
| 50. | 2 | M | K | F | AN | 76. | 3 | E | C | F | AN | 102. | 4 | M | K | F | AN |
| 51. | 2 | M | K | F | AN | 77. | 3 | E | C | F | AN | 103. | 4 | E | K | F | AN |
| 52. | 2 | M | K | F | AN | 78. | 4 | M | AP | F | AN | 104. | 4 | E | C | F | AN |
| 53. | 2 | E | K | F | AN | 79. | 4 | E | C | F | AN | 105. | 4 | E | K | F | AN |
| 54. | 2 | E | K | F | AN | 80. | 4 | M | K | F | AN | 106. | 4 | E | C | F | AN |
| 55. | 2 | E | C | F | AN | 81. | 4 | M | C | F | AN | 107. | 4 | E | C | F | AN |
| 56. | 2 | E | K | F | AN | 82. | 4 | E | K | F | AN | 108. | 4 | H | C | F | AN |
| 57. | 2 | M | K | F | AN | 83. | 4 | E | C | F | AN | 109. | 4 | M | C | F | AN |
| 58. | 2 | E | C | F | AN | 84. | 4 | M | K | F | AN | 110. | 4 | M | C | F | AN |
| 59. | 2 | M | K | F | AN | 85. | 4 | H | C | F | AN |  |  |  |  |  |  |
| 60. | 3 | E | K | F | AN | 86. | 4 | E | K | F | AN |  |  |  |  |  |  |

LOD: E = Easy M = Medium H = Hard

Bloom’s: AP = Application C = Comprehension K = Knowledge

CPA: F = Financial Reporting

AACSB: AN = Analytic

### Summary of Question TYPEs by LEARNING Objective, Level of difficulty, BLOOM’S TAXONOMY, CPA CODES, and AACSB Codes

### (Cont’d)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **Item** | **LO** | **LOD** | **Bloom’s** | **CPA** | **AACSB** | **Item** | **LO** | **LOD** | **Bloom’s** | **CPA** | **AACSB** | **Item** | **LO** | **LOD** | **Bloom’s** | **CPA** | **AACSB** |
| **Exercises** |
| 111. | 1 | E | C | F | AN | 122. | 4 | E | K | F | AN | 133. | 4 | E | AP | F | AN |
| 112. | 2 | M | AP | F | AN | 123. | 4 | H | AP | F | AN | 134. | 4 | E | C | F | AN |
| 113. | 2 | E | C | F | AN | 124. | 4 | M | AP | F | AN | 135. | 4 | E | C | F | AN |
| 114. | 2 | M | C | F | AN | 125. | 4 | E | AP | F | AN | 136. | 4 | E | C | F | AN |
| 115. | 2 | M | C | F | AN | 126. | 4 | M | AP | F | AN | 137. | 4 | E | AP | F | AN |
| 116. | 3 | M | C | F | AN | 127. | 4 | E | AP | F | AN | 138. | 4 | E | C | F | AN |
| 117. | 3 | M | C | F | AN | 128. | 4 | E | C | F | AN | 139. | 4 | M | AP | F | AN |
| 118. | 3 | H | AP | F | AN | 129. | 4 | M | AP | F | AN | 140. | 4 | E | AP | F | AN |
| 119. | 3 | M | AP | F | AN | 130. | 4 | H | AP | F | AN | 141. | 4 | M | AP | F | AN |
| 120. | 3 | E | C | F | AN | 131. | 4 | E | C | F | AN | 142. | 4 | H | AP | F | AN |
| 121. | 3 | M | AP | F | AN | 132. | 4 | H | AP | F | AN |  |  |  |  |  |  |
| **Matching** |
| 143. | 1-4 | E,M | K | F | AN |  |  |  |  |  |  |  |  |  |  |  |  |
| **Short-Answer Essay** |
| 144. | 1 | E | C | F | AN | 148. | 2 | E | K | F | AN | 152. | 4 | E | C | F | AN |
| 145. | 1 | E | C | F | AN | 149. | 4 | H | C | F | AN | 153. | 4 | M | C | F,CM | AN |
| 146. | 1 | H | C | F | AN | 150. | 4 | E | C | F | AN | 154. | 4 | E | C | F | AN |
| 147. | 1,2 | M | AP | F | AN, E | 151. | 4 | M | C | F | AN | 155. | 4 | M | AN | F | AN |
| **Objective Format Questions** |
| 156. | 1 | M | C | F | AN | 159. | 2 | M | K | F | AN | 162. | 4 | M | AN | F | AN |
| 157. | 1 | E | K | F | AN | 160. | 2 | E | C | F | AN |  |  |  |  |  |  |
| 158. | 2 | M | K | F | AN | 161. | 4 | E | K | F | AN |  |  |  |  |  |  |

LOD: E = Easy M = Medium H = Hard

Bloom’s: AN = Analysis AP = Application C = Comprehension K = Knowledge

CPA: F = Financial Reporting CM = Communication

AACSB: AN = Analytic E = Ethics

### SUMMARY OF LEARNING OBJECTIVES BY QUESTION TYPE

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Type** | **Item** | **Type** | **Item** | **Type** | **Item** | **Type** | **Item** | **Type** | **Item** | **Type** | **Item** | **Type** |
| **Learning Objective 1** |
| 1. | TF | 6. | TF | 11. | TF | 39. | MC | 44. | MC | 143. | Ma | 156. | OF |
| 2. | TF | 7. | TF | 35. | MC | 40. | MC | 45. | MC | 144. | SAE | 157. | OF |
| 3. | TF | 8. | TF | 36. | MC | 41. | MC | 46. | MC | 145. | SAE |  |  |
| 4. | TF | 9. | TF | 37. | MC | 42. | MC | 47. | MC | 146. | SAE |  |  |
| 5. | TF | 10. | TF | 38. | MC | 43. | MC | 111. | Ex | 147. | SAE |  |  |
| **Learning Objective 2** |
| 12. | TF | 16. | TF | 51. | MC | 55. | MC | 59. | MC | 115. | Ex | 158. | OF |
| 13. | TF | 48. | MC | 52. | MC | 56. | MC | 112. | Ex | 143. | Ma | 159. | OF |
| 14. | TF | 49. | MC | 53. | MC | 57. | MC | 113. | Ex | 147. | SAE | 160. | OF |
| 15. | TF | 50. | MC | 54. | MC | 58. | MC | 114. | Ex | 148. | SAE |  |  |
| **Learning Objective 3** |
| 17. | TF | 22. | TF | 64. | MC | 69. | MC | 74. | MC | 117. | Ex | 143. | Ma |
| 18. | TF | 60. | MC | 65. | MC | 70. | MC | 75. | MC | 118. | Ex |  |  |
| 19. | TF | 61. | MC | 66. | MC | 71. | MC | 76. | MC | 119. | Ex |  |  |
| 20. | TF | 62. | MC | 67. | MC | 72. | MC | 77. | MC | 120. | Ex |  |  |
| 21. | TF | 63. | MC | 68. | MC | 73. | MC | 116. | Ex | 121. | Ex |  |  |
| **Learning Objective 4** |
| 23. | TF | 34. | TF | 88. | MC | 99. | MC | 110. | MC | 132. | Ex | 143. | Ma |
| 24. | TF | 78. | MC | 89. | MC | 100. | MC | 122. | Ex | 133. | Ex | 149. | SAE |
| 25. | TF | 79. | MC | 90. | MC | 101. | MC | 123. | Ex | 134. | Ex | 150. | SAE |
| 26. | TF | 80. | MC | 91. | MC | 102. | MC | 124. | Ex | 135. | Ex | 151. | SAE |
| 27. | TF | 81. | MC | 92. | MC | 103. | MC | 125. | Ex | 136. | Ex | 152. | SAE |
| 28. | TF | 82. | MC | 93. | MC | 104. | MC | 126. | Ex | 137. | Ex | 153. | SAE |
| 29. | TF | 83. | MC | 94. | MC | 105. | MC | 127. | Ex | 138. | Ex | 154. | SAE |
| 30. | TF | 84. | MC | 95. | MC | 106. | MC | 128. | Ex | 139. | Ex | 155. | SAE  |
| 31. | TF | 85. | MC | 96. | MC | 107. | MC | 129. | Ex | 140. | Ex | 161. | OF |
| 32. | TF | 86. | MC | 97. | MC | 108. | MC | 130. | Ex | 141. | Ex | 162. | OF |
| 33. | TF | 87. | MC | 98. | MC | 109. | MC | 131. | Ex | 142. | Ex |  |  |

Note: TF = True-False Ma = Matching CP = CPA Questions

 MC = Multiple Choice Ex = Exercise SAE = Short-Answer Essay

## CHAPTER LEARNING OBJECTIVES

1. ***Identify the uses and users of accounting information*.** The purpose of accounting is to provide useful information for decision-making. There are two types of decision makers who use accounting information: internal users and external users. The primary internal users are managers, who work for the business and need internal accounting information to manage and run its operations. The primary external users are investors and creditors. Investors (existing and potential shareholders) use accounting information to help decide whether to buy, hold, or sell shares. Creditors, which include lenders such as bankers and suppliers, use accounting information to evaluate the risk of lending money or granting credit to a business. Other external users include non-management employees, potential employees, customers, regulators, and taxing authorities.

2. ***Describe the primary forms of business organization*.** There are three types of business organizations: proprietorships, partnerships, and corporations. A proprietorship is a business owned by one person. A partnership is a business owned by two or more people. A corporation is a separate legal entity whose shares provide evidence of ownership. Corporations can be public, which means their shares trade on a stock exchange, or private, which means their shares are closely held and do not trade on a stock exchange.

Generally accepted accounting principles are a common set of guidelines that are used to record and report economic events. These can differ depending on the form of business organization. Public corporations follow International Financial Reporting Standards (IFRS) and private corporations have the choice of using Accounting Standards for Private Enterprises (ASPE) or IFRS. Proprietorships and partnerships generally use ASPE.

3. ***Explain the three main types of business activity*.** Financing activities involve obtaining the necessary funds (through the issue of equity or the assumption of debt) to support the business. Repayments of debt, the declaration and payment of dividends, and share repurchases are also financing activities. Investing activities primarily involve purchasing the long-term assets (such as property, plant, and equipment) that are needed to run the business, but also include the disposition of these items. Operating activities involve putting the resources of the business into action to generate net income. These involve the day-to-day activities of the business as it earns revenues and incurs expenses doing so.

4. ***Describe the purpose and content of each of the financial statements*.** The statement of income presents the revenues and expenses of a company for a specific period of time. The statement of changes in equity summarizes the changes in shareholders’ equity that have occurred for a specific period of time including those related to the issue of shares, generation of net income, and distribution of dividends. The statement of financial position reports the assets, liabilities, and shareholders’ equity of a business at a specific date. The statement of cash flows summarizes information about the cash inflows (receipts) and outflows (payments) for a specific period of time. Notes to the financial statements add explanatory detail where required. The financial statements are included in an annual report, along with the management discussion and analysis (MD&A), the auditor’s report, and the notes to the financial statements.

**TRUE-FALSE STATEMENTS**

1. Accounting identifies and records economic events of a business.

2. High standards of ethics are *not* required for preparers of financial information.

3. Accounting information is *not* important to marketing managers.

4. Authorities, such as the Canada Revenue Agency, want to know whether a business complies with the tax laws.

5. Accounting communicates financial information about a business to both internal and external users.

6. Two internal users of accounting information are investors and managers.

7. Accounting provides financial comparisons of operating alternatives, projections of income from new sales campaigns, analyses of sales costs, and forecasts of cash needs for external users.

Solution: Accounting provides financial comparisons of operating alternatives, projections of income from new sales campaigns, analyses of sales costs, and forecasts of cash needs for internal users.

8. Companies present summarized financial information in the form of financial statements for both internal and external use.

9. Anyone who works for a company but does not necessarily have access to accounting information to assist them in managing and operating the company is still considered to be an internal user.

Solution: Anyone who works for a company but does not necessarily have access to accounting information to assist them in managing and operating the company is considered to be an external user.

10. Potential employees who use annual reports to learn about the company and evaluate job prospects are regarded as external users.

11. As labour unions represent employees, they are also regarded as internal users.

Solution: Labour unions who represent employees are regarded as external users.

12. A partnership is a business organized as a separate legal entity.

13. A proprietor has unlimited liability.

14. The liability of corporate shareholders is limited to the amount of their investment.

15. The users of private company financial statements do not have access to financial information beyond that available to the users of public company financial statements.

16. A proprietorship is usually operated by the owner.

17. Expenses are the cost of assets consumed or services used in the process of generating revenue.

18. Assets are resources owned by a business that provide only current services or benefits to the business.

19. Economic resources that are owned by a business are called shareholders’ equity.

20. Payments to shareholders are called dividends.

21. Expenses are identified by the type of liability associated with them.

22. Depreciation is the cost of certain long-lived assets allocated to expense for each period.

23. Net income for the period is determined by subtracting total expenses and dividends declared from revenues.

24. Net income is another term for revenue.

25. The issue of shares and distribution of dividends are used in determining net income.

26. Financial statement users are interested in net income because it may be a predictor of future net income.

27. The statement of cash flows shows how cash was used during the period.

28. Claims of creditors and shareholders on the assets of a business are called liabilities.

29. Shareholder’s equity consists of at least two parts: share capital and retained earnings.

30. Any deficiency in cash from operating activities must be made up by issuing shares.

31. The statement of changes in equity is *not* dependent on the results from the statement of income.

32. The statement of financial position is always the first statement prepared and presented.

33. The reasons for a decrease in cash can be determined by examining the statement of income.

34. A negative balance in retained earnings is called a deficit.

#### Answers to True-False Statements

|  |  |  |  |  |  |  |  |  |  |  |  |
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| **Item** | **Ans.** | **Item** | **Ans.** | **Item** | **Ans.** | **Item** | **Ans.** | **Item** | **Ans.** | **Item** | **Ans.** |
| 1. | T | 7. | F | 13. | T | 19. | F | 25. | F | 31. | F |
| 2. | F | 8. | T | 14. | T | 20. | T | 26. | T | 32. | F |
| 3. | F | 9. | F | 15. | F | 21. | F | 27. | T | 33. | F |
| 4. | T | 10. | T | 16. | T | 22. | T | 28. | F | 34. | T |
| 5. | T | 11. | F | 17. | T | 23. | F | 29. | T |  |  |
| 6. | F | 12. | F | 18. | F | 24. | F | 30. | F |  |  |

## MULTIPLE CHOICE QUESTIONS

35. The world’s economic systems depend on financial reporting that is

(a) highly transparent.

(b) accurate.

(c) reliable.

(d) All of the above are correct.

36. Which of the following is the most appropriate definition of accounting?

(a) the information system that identifies, records, and communicates the economic events of an organization to interested users

(b) a means of collecting information

(c) the interconnected network of subsystems necessary to operate a business

(d) electronic collection, organization, and communication of vast amounts of information

37. Which of the following would *not* be considered an internal user of accounting data for XYZ Inc.?

(a) the company president

(b) production manager

(c) purchasing clerk

(d) receptionist of the employees’ labour union

38. Which of the following groups uses accounting information primarily to ensure the company is operating within prescribed rules?

(a) shareholders

(b) regulatory agencies

(c) labour unions

(d) management

39. Which of the following uses accounting information to determine whether a company can pay its obligations?

(a) shareholders

(b) marketing managers

(c) creditors

(d) Canada Revenue Agency

40. Which of the following uses accounting information to determine whether a company’s net income will result in a share price increase?

(a) shareholders

(b) marketing managers

(c) creditors

(d) Chief Financial Officer

41. Which of the following uses accounting information to determine whether a marketing proposal will be cost effective?

(a) shareholders

(b) marketing managers

(c) creditors

(d) human resource managers

42. Which of the following would *not* be considered an external user of accounting data?

(a) Canada Revenue Agency

(b) management

(c) creditors

(d) customers

43. Which of the following would *not* be considered an internal user of accounting data?

(a) the president of a company

(b) the controller of a company

(c) a creditor of a company

(d) a sales manager of a company

44. External users want answers to all of the following questions, *except*

(a) Is the company earning satisfactory income?

(b) Will the company be able to pay its debts as they come due?

(c) How many employees can the company hire this year?

(d) How does the company compare in profitability with competitors?

45. Which of the following statements regarding external users is true?

(a) Shareholders and creditors are the only people who need accounting information.

(b) Canada Revenue Agency is the primary external user of financial information.

(c) External users of accounting information include the managers who plan, organize, and run a business.

(d) The information needs and questions of external users vary considerably.

46**.** An internal user of accounting information.

(a) is not involved in managing a company.

(b) is not involved in the sales of the company.

(c) is any employee in the company.

(d) includes company officers.

47. Which of the following is *not* one of the four common types of data analytics?

(a) descriptive

(b) prescriptive

(c) diagnostic

(d) prognostic

48. Which of the following is true regarding the reporting entity concept?

(a) The concept applies to proprietorships, but not partnerships or corporations.

(b) The concept is to ensure that the entity’s financial statements faithfully represent only its economic activities.

(c) The concept requires that the economic activity that can be identified with a particular business be kept separate and distinct from the personal or non-business activities of the owner, but not of all other economic entities.

(d) The concept applies to proprietorships and partnerships, but not to corporations as corporations are a separate legal entity.

49**.** The reporting entity concept applies to

(a) sole proprietorships only.

(b) partnerships only.

(c) corporations only.

(d) all three forms of business organization.

50. The proprietorship form of business organization

(a) in most provinces, must have at least two owners.

(b) is often chosen for single owner operated businesses.

(c) is difficult to set up.

(d) is classified as a separate legal entity.

51. A business organized as a corporation

(a) is not a separate legal entity in most provinces.

(b) requires that shareholders be personally liable for the debts of the business.

(c) is owned by its shareholders.

(d) has income tax disadvantages over a proprietorship or partnership.

52. The partnership form of business organization

(a) is a separate legal entity.

(b) is a common form of organization for service-type businesses.

(c) enjoys an unlimited life.

(d) has limited liability.

53. Which form of business would have its shares listed on a stock exchange?

(a) proprietorship

(b) partnership

(c) private corporation

(d) public corporation

54. A business organized as a separate legal entity is a

(a) corporation.

(b) proprietorship.

(c) government unit.

(d) partnership.

55. The concept that economic activity which can be identified with a particular company must be kept separate and distinct from the owner(s) and from all other economic entities is known as

(a) the separation concept.

(b) the reporting entity concept.

(c) the economic concept.

(d) the business organization concept.

56. An advantage of the corporate form of business is that

(a) it has limited life.

(b) its shareholders’ personal resources are at stake.

(c) its ownership is easily transferable via the sale of shares.

(d) it is simple to establish.

57. A corporation has which of the following set of characteristics?

(a) shareholder control, income tax disadvantages, increased skills and resources

(b) simple to set up and maintains control with founder

(c) harder to raise funds and gives shareholders control

(d) easier to transfer ownership and raise funds, limited liability

58. A small neighbourhood barber shop that is operated by its owner would likely be organized as a

(a) public corporation.

(b) partnership.

(c) private corporation.

(d) proprietorship.

59. Which of the following statements is *not* true?

(a) Public corporations must use International Financial Reporting Standards.

(b) Private corporations can choose to use either International Financial Reporting Standards (IFRS) or Accounting Standards for Private Enterprises (ASPE).

(c) Both public and private corporations issue shares.

(d) All private corporations are small.

60. The liability created by a business when it purchases coffee beans and coffee cups on credit from suppliers is called a(n)

(a) account payable.

(b) account receivable.

(c) revenue.

(d) expense.

61. The right to receive money in the future is called a(n)

(a) account payable.

(b) account receivable.

(c) liability.

(d) deferred revenue.

62. Which of the following is *not* a principal type of business activity?

(a) operating

(b) investing

(c) financing

(d) marketing

63. Which of the following activities involves raising the necessary funds to support the business?

(a) operating

(b) investing

(c) financing

(d) marketing

64. If a company borrows funds and subsequently ceases operations,

(a) shareholders have immediate claim on the assets of the corporation.

(b) shareholders have no claim on the assets of the corporation.

(c) shareholders have to pay all debt first before claiming the assets of the corporation.

(d) shareholders have no residual claim on the assets of the corporation.

65. Cost of goods sold is a(n)

(a) liability.

(b) financing activity.

(c) asset.

(d) expense.

66. Allocating and recording the cost of using property, plant, and equipment over its useful life is called

(a) allocation expense.

(b) depreciation expense.

(c) a general expense.

(d) deferred expense.

67. Which of the following would create a cash inflow?

(a) issue common shares

(b) cash dividends paid

(c) repurchase common shares

(d) purchase of equipment

68. The common characteristic possessed by all assets is

(a) long life.

(b) great monetary value.

(c) tangible nature.

(d) future economic benefit.

69. Expenses are incurred

(a) only on rare occasions.

(b) to produce assets.

(c) to produce liabilities.

(d) to generate revenues.

70. The cost of assets consumed or services used is also known as a(n)

(a) revenue.

(b) expense.

(c) liability.

(d) asset.

71. Resources owned by a corporation are referred to as

(a) shareholders’ equity.

(b) liabilities.

(c) assets.

(d) revenues.

72. Debt and obligations of a business are referred to as

(a) assets.

(b) equities.

(c) liabilities.

(d) expenses.

73. Liabilities:

(a) are future economic benefits.

(b) are debts and obligations.

(c) possess service potential.

(d) are things of value owned by a business.

74. Liabilities of a company are owed to

(a) debtors.

(b) owners.

(c) creditors.

(d) shareholders.

75. Which of the following is *true* regarding the statement of cash flows?

(a) Financing activities for corporations include lending money and buying shares.

(b) Investing activities involve collecting the necessary funds to operate the business.

(c) The purchase of equipment is an example of a financing activity.

(d) Revenues are increases in economic resources that result from a business’s operating activities.

76**.** When an expense is incurred

(a) an asset increases.

(b) a liability decreases.

(c) an asset will decrease or a liability will increase.

(d) an asset will increase or a liability will decrease.

77. Long-term debt, also known as non-current debt or non-current liabilities, would likely *not* include which of the following?

(a) property tax payable

(b) mortgage payable

(c) finance lease obligations

(d) bonds payable

78. Charlie Industries started the year with $1,000,000 in its Common Shares account and $450,000 in its Preferred Shares account. In March 2024 the company issued common shares for $100,000 and preferred shares for $5,000. In October 2024, the company reacquired common shares for $15,000, which was the average cost of all of the common shares. How much is in share capital on December 31, 2024?

(a) $1,450,000

(b) $1,100,000

(c) $1,085,000

(d) $1,540,000

Solution: $1,000,000 + $450,000 + $100,000 + $5,000 – $15,000 = $1,540,000

79**.** The statement of cash flows does *not* provide information related to

(a) the cash used during the period.

(b) the change in the cash balance during the period.

(c) the change in income during the period.

(d) where cash came from during the period.

80. Dividends declared are reported on

(a) the statement of income.

(b) the statement of changes in equity.

(c) the statement of financial position.

(d) both the statement of income and statement of financial position.

81. Dividends declared

(a) increase assets.

(b) increase expenses.

(c) decrease revenues.

(d) decrease retained earnings.

82. The financial statement that summarizes the changes in common shares and retained earnings for a specific period of time is the

(a) statement of financial position.

(b) statement of income.

(c) statement of cash flows.

(d) statement of changes in equity.

83. Net income results when

(a) Assets > Liabilities.

(b) Assets < Liabilities.

(c) Revenues > Expenses.

(d) Revenues < Expenses.

84. Retained earnings at the end of the period is equal to

(a) retained earnings at the beginning of the period plus net income minus liabilities.

(b) retained earnings at the beginning of the period plus net income minus dividends declared.

(c) net income for the period.

(d) assets plus liabilities.

85. A company’s policy toward dividends and growth could best be determined by examining the

(a) statement of financial position.

(b) statement of income.

(c) statement of changes in equity.

(d) statement of cash flows.

86. A statement of income

(a) summarizes the changes in retained earnings for a specific period of time.

(b) reports the changes in assets, liabilities, and shareholders’ equity over a period of time.

(c) reports the assets, liabilities, and shareholders’ equity at a specific date.

(d) reports the revenues and expenses for a specific period of time.

87. If the retained earnings account increases from the beginning of the year to the end of the year, then

(a) net income is greater than dividends declared.

(b) a loss is less than dividends declared.

(c) additional investments are less than reported losses.

(d) dividends were received.

88. The statement of changes in equity would *not* show

(a) the beginning retained earnings balance.

(b) revenues and expenses.

(c) dividends declared.

(d) the ending retained earnings balance.

89. Which financial statement is prepared first?

(a) Statement of financial position

(b) Statement of income

(c) Statement of changes in equity

(d) Statement of cash flows

90. A statement of financial position shows

(a) revenues, liabilities, and shareholders’ equity.

(b) expenses, dividends declared, and shareholders’ equity.

(c) revenues, expenses, and dividends declared.

(d) assets, liabilities, and shareholders’ equity.

91. The accounting equation may be expressed as

(a) Assets = Shareholders’ Equity – Liabilities.

(b) Assets = Liabilities + Shareholders’ Equity.

(c) Assets + Liabilities = Shareholders’ Equity.

(d) Assets + Shareholders’ Equity = Liabilities.

Use the following information for questions 92–93.

Plumbers-on-the-Go Ltd. started the year with total assets of $120,000 and total liabilities of $75,000. During the year, the business recorded $82,000 in service revenues, $45,000 in expenses, and paid dividends of $2,500.

92. Shareholders’ equity at the end of the year was

(a) $79,500.

(b) $45,000.

(c) $82,000.

(d) $77,000.

Solution: Opening shareholders’ equity: $120,000 – $75,000 = $45,000; Closing shareholders’ equity: $45,000 + $82,000 – $45,000 – $2,500 = $79,500

93. The net income reported for the year was

(a) $34,500.

(b) $37,000.

(c) $45,000.

(d) $82,000.

Solution: $82,000 – $45,000 = $37,000

94. If total liabilities increased by $18,000 and shareholders’ equity increased by $21,000 during a period of time, then total assets must change by what amount and direction (increase or decrease) during that same period?

(a) $18,000 increase

(b) $21,000 increase

(c) $39,000 decrease

(d) $39,000 increase

Solution: $18,000 + $21,000 = $39,000 increase

95. If total liabilities decreased by $134,000 during a period of time and shareholders’ equity increased by $103,000 during the same period, then the amount and direction (increase or decrease) of the period’s change in total assets is a(n)

(a) $134,000 increase.

(b) $103,000 increase.

(c) $31,000 decrease.

(d) $31,000 increase.

Solution: $(134,000) + $103,000 = ($31,000) decrease

96. The statement of financial position

(a) summarizes the changes in shareholders’ equity for a specific period of time.

(b) reports the changes in assets, liabilities, and shareholders’ equity over a period of time.

(c) reports the assets, liabilities, and shareholders’ equity at a specific date.

(d) presents the revenues and expenses for a specific period of time.

97. Which of the following financial statements is concerned with the company at a point in time?

(a) Statement of financial position

(b) Statement of income

(c) Statement of changes in equity

(d) Statement of cash flows

98. Shareholders’ equity can be described as claims of

(a) creditors on total assets.

(b) owners on total assets.

(c) customers on total assets.

(d) debtors on total assets.

99. Payments to shareholders are called

(a) expenses.

(b) liabilities.

(c) dividends.

(d) shares.

100. Common shares are reported on

(a) the statement of financial position.

(b) the statement of changes in equity.

(c) both the statement of financial position and the statement of income.

(d) both the statement of changes in equity and the statement of financial position.

101. Shareholders’ equity is usually comprised of

(a) common shares and dividends declared.

(b) common shares and retained earnings.

(c) dividends declared and retained earnings.

(d) net income and retained earnings.

102. Common shares represent

(a) the creditors’ claims on the company.

(b) the total net income of the company to date.

(c) the amount paid by investors for ownership in the company.

(d) the owners’ claims on the company.

103. Retained earnings are

(a) the shareholders’ claim on total assets.

(b) equal to cash.

(c) equal to revenues.

(d) the amount of net income kept in the corporation for future use.

104. Which financial statement would indicate whether the company relies more on debt or on shareholders’ equity to finance its assets?

(a) Statement of cash flows

(b) Statement of changes in equity

(c) Statement of income

(d) Statement of financial position

105. The primary purpose of the statement of cash flows is to report

(a) a company'sinvestingtransactions.

(b) a company's financing transactions.

(c) information about cash receipts and cash payments of a company.

(d) the net increase or decrease in cash.

106. The statement of changes in equity is dependent on the results from

(a) the statement of cash flows.

(b) the statement of financial position.

(c) the statement of income.

(d) a company's share capital.

107. The statement of financial position and statement of changes in equity are related because

(a) the total assets on the statement of financial position is reported on the statement of changes in equity.

(b) the ending amount on the statement of changes in equity is reported on the statement of financial position.

(c) the ending amount on each statement is transferred to the statement of cash flows.

(d) both contain information for the corporation.

108. The statement of cash flows and the statement of financial position are interrelated because

(a) the ending amount of cash on the statement of cash flows must agree with the amount on the statement of income.

(b) the ending amount of cash on the statement of cash flows must agree with the amount in the statement of changes in equity.

(c) the ending amount of cash on the statement of cash flows must agree with the amount in the statement of financial position.

(d) both disclose the corporation's net income.

109. Which one of the following statements is *false*?

(a) The basic accounting equation does not subdivide liabilities into two categories: claims of creditors and claims of the Canada Revenue Agency.

(b) The accounting equation can be expressed as: Assets – Shareholders’ Equity = Liabilities.

(c) The accounting equation can be expressed as: Assets + Liabilities = Shareholders’ Equity.

(d) If the assets owned by a business total $100,000 and liabilities total $52,000, shareholders’ equity must total $48,000.

110. Which of the following is false regarding financial statements?

(a) The primary purpose of the statement of cash flows is to provide information about the cash receipts and cash payments of a business for a specific period of time.

(b) The statement of financial position reports assets and claims against those assets at a specific point in time.

(c) The statement of changes in equity covers a different time period than that covered by the statement of income.

(d) Creditors use the statement of financial position as another source of information to determine the likelihood they will be repaid.

#### Answers to Multiple Choice Questions

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item** | **Ans.** | **Item** | **Ans.** | **Item** | **Ans.** | **Item** | **Ans.** | **Item** | **Ans.** | **Item** | **Ans.** |
| 35. | d | 48. | b | 61. | b | 74. | c | 87. | a | 100. | d |
| 36. | a | 49. | d | 62. | d | 75. | d | 88. | b | 101. | b |
| 37. | d | 50. | b | 63. | c | 76. | c | 89. | b | 102. | c |
| 38. | b | 51. | c | 64. | c | 77. | a | 90. | d | 103. | d |
| 39. | c | 52. | b | 65. | d | 78. | d | 91. | b | 104. | d |
| 40. | a | 53. | d | 66. | b | 79. | c | 92. | a | 105. | c |
| 41. | b | 54. | a | 67. | a | 80. | b | 93. | b | 106. | c |
| 42. | b | 55. | b | 68. | d | 81. | d | 94. | d | 107. | b |
| 43. | c | 56. | c | 69. | d | 82. | d | 95. | c | 108. | c |
| 44. | c | 57. | d | 70. | b | 83. | c | 96. | c | 109. | c |
| 45. | d | 58. | d | 71. | c | 84. | b | 97. | a | 110. | c |
| 46. | d | 59. | d | 72. | c | 85. | c | 98. | b |  |  |
| 47. | d | 60. | a | 73. | b | 86. | d | 99. | c |  |  |

## Exercises

**Ex. 111**

Identify and explain the four most common types of data analytics that help answer questions regarding economic events that occur in a company.

**Solution 111** (5 min.)

The four most common types of data analytics that help answer questions range from what happened (descriptive) and why it happened (diagnostic), to what is likely to happen (predictive) and what we should do about it (prescriptive)

**Ex. 112**

For each of the items listed below, indicate with an X whether it is a common characteristic of or applicable to a proprietorship, partnership, or corporation.

 **Proprietorship Partnership Corporation**

1. Ownership is easily transferrable

2. Reporting entity concept

3. Limited life

4. Written agreement

5. Unlimited liability

6. Affected by the incapacity of an owner

7. Indefinite life

8. Income reported on personal tax return

**Solution 112** (5-7 min.)

 **Proprietorship Partnership Corporation**

1. Ownership is easily transferrable X

2. Reporting entity concept X X X

3. Limited life X X

4. Written agreement X

5. Unlimited liability X X

6. Affected by the incapacity of an owner X X

7. Indefinite life X

8. Income reported on personal tax return X X

**Ex. 113**

How can you tell whether a business is a corporation or not?

**Solution 113** (5-7 min.)

Corporations in Canada and the United States are identified by “Ltd.” (“Ltée” in French) which stands for Limited, “Inc.,” which stands for Incorporated, “Corp.,” which stands for Corporation or in some cases, “Co.” which stands for Company. All of these follow the company name and the abbreviations can also be spelled out.

In Brazil and France, the letters used are “SA” (Sôciedade Anonima, Société Anonyme); in Japan, “KK” (Kabushiki Kaisha); in the Netherlands, “NV” (Naamloze Vennootschap); in Italy, “SpA” (Societá per Azioni); and in Sweden, “AB” (Aktiebolag).

In the United Kingdom, public corporations are identified by “plc” (public limited company), while private corporations are denoted by “Ltd.” The same designations in Germany are “AG” (Aktiengesellschaft) for public corporations and “GmbH” (Gesellschaft mit beschränkter Haftung) for private corporations.

There are no name distinctions between public and private corporations in Canada.

##### Ex. 114

For each of the following identify which combination of characteristics reflect a proprietorship, partnership, or corporation and why.

1. economic resources and skills are shared; unlimited liability; income from the company is reported as self-employment income.

2. indefinite life; owner(s) not personally liable for debts of the business.

3. business organization simple to set up; income from the company is reported as self-employment income; unlimited liability.

4. separate legal entity; business organization complex to set up.

5. control over the business; definite life.

##### Solution 114

1. **Partnerships** are often formed because one person does not have enough economic resources to start or expand the business, or because partners bring unique skills or other resources to the partnership. Each partner generally has unlimited liability for all debts of the partnership, even if one of the other partners created the debt. The income of the partnership is reported as self-employment income and taxed on each partner’s personal income tax return.

2. Since a **corporation** is a separate legal entity, its life is indefinite. Shareholders are not responsible for corporate debts unless they have provided a personal guarantee to the lender for them. Most shareholders enjoy limited liability since their risk of loss is limited to the amount they have invested in the company’s shares.

3. The **proprietorship** form of business organization is simple to set up and gives the owner control over the business. The business income is reported as self-employment income and taxed on the owner’s personal income tax return. The owner receives any income, suffers any losses, and is personally liable (responsible) for all debts of the business. This is known as unlimited liability.

4. A corporation is a business organized as a separate legal entity owned by shareholders and is the most complex form of business to establish.

5. The **proprietorship** form of business organization gives the owner control over the business. The life of the proprietorship is limited to the life of the owner.

##### Ex. 115

For each of the statements below, indicate whether it is true or false for a private corporation, public corporation, both, or neither:

 **Private Corp. Only Public Corp. Only Both Neither**

1. Issues “closely held” shares

2. Shares listed on a stock exchange

3. Must follow ASPE when preparing internal

 use financial statements

4. Seldom distribute financial statements publicly

5. Required to report on a quarterly basis

6. Can choose to follow IFRS or ASPE

7. Required to follow IFRS

8. Business formed as a corporation

##### Solution 115

 **Private Corp. Only Public Corp. Only Both Neither**

1. Issues “closely held” shares True

2. Shares listed on a stock exchange True

3. Must follow ASPE when preparing internal

 use financial statements True

4. Seldom distribute financial statements publicly True

5. Required to report on a quarterly basis True

6. Can choose to follow IFRS or ASPE True

7. Required to follow IFRS True

8. Business formed as a corporation True

##### Ex. 116

Classify each of the following items as an investing, financing, or operating activity:

1. Cash sale of merchandise

2. Repayment of bank loan

3. Purchase of inventory

4. Sale of equipment for cash

5. Payment of commission to a salesperson

6. Payment of dividends

7. Receipt of interest on accounts receivable

8. Payment for insurance for the current year

9. Purchase of shares in another company as a long-term investment

10. Issue of debt

##### Solution 116 (6 min.)

1. Operating

2. Financing

3. Operating

4. Investing

5. Operating

6. Financing

7. Operating

8. Operating

9. Investing

10. Financing

##### Ex. 117

Indicate in the space provided by each item whether it would appear on the statement of cash flows as a(n): (O) operating activity, (I) investing activity, or (F) financing activity.

\_\_\_\_\_ 1. Cash receipts from customers

\_\_\_\_\_ 2. Issue of common shares for cash

\_\_\_\_\_ 3. Payment of cash dividends

\_\_\_\_\_ 4. Cash purchase of equipment

\_\_\_\_\_ 5. Cash payments to suppliers

\_\_\_\_\_ 6. Sale of old machine for cash

##### Solution 117 (5 min.)

 O 1.

 F 2.

 F 3.

 I 4.

 O 5.

 I 6.

##### Ex. 118

For each of the following transactions, identify how they would be classified on the cash flow statement and whether it is a cash outflow (O) or cash inflow (I). If none are applicable indicate an “X” under the N/A (not applicable) column.

  **Operating Investing Financing N/A**

Cash paid for employee salaries

Cash dividends declared

Repurchased shares

Cash paid for new equipment

Issued bonds

Recorded depreciation expense

Cash received from sale of computer equipment

Cash received from customers

Paid interest on bonds payable

Cash paid for the purchase of ABC

 company shares

Purchased land in exchange for

 common shares

##### Solution 118 (5 min.)

 **Operating Investing Financing N/A**

Cash paid for employee salaries O

Cash dividends declared X

Repurchased shares O

Cash paid for new equipment O

Issued bonds I

Recorded depreciation expense X

Cash received from sale of computer equipment I

Cash received from customers I

Paid interest expense on bonds payable\* O O

Cash paid for the purchase of ABC company shares O

Purchased land in exchange for common shares X

\*Interest paid on borrowed funds can be classified as operating or financing under IFRS.

##### Ex. 119

Use the following information to prepare the statement of cash flows for Roller Limited for the year ended October 31, 2024:

 Collected cash from customers $376,875

 Repaid long-term debt 93,750

 Cash dividends paid 18,750

 Purchased inventory for cash 131,250

 Purchased computer equipment for cash 75,000

 Cash, October 31, 2023 40,750

 Cash, October 31, 2024 98,875

##### Solution 119 (10 min.)

**ROLLER LIMITED**

**Statement of Cash Flows**

**Year Ended October 31, 2024**

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Operating activities

 Cash collected from customers $376,875

 Cash paid for inventory (131,250)

 Net cash provided by operating activities $245,625

Investing activities

 Cash paid for new computer equipment (75,000)

Financing activities

 Repayment on long-term debt (93,750)

 Cash dividends paid (18,750)

 Net cash used by financing activities (112,500)

Net increase in cash 58,125

Cash, October 31, 2023 40,750

Cash, October 31, 2024 $ 98,875

**Ex. 120**

Given the three types of business activities on a cash flow statement, complete the below table by identifying how interest and dividend payments can be treated under IFRS and whether these items are cash inflows or outflows.

**ITEM** **ACTIVITY** **INFLOW/OUTFLOW**

Payment of interest on borrowed funds \_\_\_\_\_ \_\_\_\_\_

Payment of dividends \_\_\_\_\_ \_\_\_\_\_

**Solution 120** (5 min.)

**ITEM ACTIVITY INFLOW/OUTFLOW**

Payment of interest on borrowed funds financing or operating outflow

Payment of dividends financing or operating outflow

**Ex. 121**

Use the following information to prepare the statement of cash flows for Gourmet Foods Inc. for the year ended December 31, 2024:

 Collected cash from customers $753,750

 Issued common shares 187,500

 Cash dividends paid 37,500

 Purchased inventory for cash 262,500

 Purchased building for cash 150,000

 Cash, December 31, 2023 81,500

 Cash, December 31, 2024 197,750

**Solution 121** (10 min.)

**GOURMET FOODS INC.**

**Statement of Cash Flows**

**Year Ended December 31, 2024**

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Operating activities

 Cash collected from customers $753,750

 Cash paid for inventory (262,500)

 Net cash provided by operating activities $491,250

Investing activities

 Cash paid for building (150,000)

Financing activities

 Issued common shares (187,500)

 Cash dividends paid (37,500)

 Net cash used by financing activities (225,000)

Net increase in cash 116,250

Cash, December 31, 2023 81,500

Cash, December 31, 2024 $197,750

**Ex. 122**

Identify the order in which financial statements must be prepared by placing a 1 for the first statement through to a 4 for the last statement in the table below.

**STATEMENT** **ORDER**

Statement of financial position \_\_\_\_\_

Statement of cash flows \_\_\_\_\_

Statement of changes in equity \_\_\_\_\_

Statement of income \_\_\_\_\_

**Solution 122**

**STATEMENT** **ORDER**

Statement of financial position 3

Statement of cash flows 4

Statement of changes in equity 2

Statement of income 1

##### Ex. 123

The following questions are unrelated:

1. You know that net income is $62,000, opening retained earnings $80,000, dividends declared $25,000, common shares $15,000, current assets $37,000, and total liabilities are $45,000. What is the amount of total assets?

2. Cash provided by operating activities is $38,000, cash used in investing activities is $26,000, and cash used in financing activities is $4,500. The ending cash balance is $18,700. What is the beginning cash balance?

##### Solution 123 (10 min.)

1. Opening retained earnings $ 80,000

 Add: Net income 62,000

 Less: dividends declared (25,000)

 Ending retained earnings $117,000

 Retained earnings $117,000

 Common shares 15,000

 Total liabilities 45,000

 Total liabilities and shareholders’ equity $177,000

 Total assets $177,000

2. Cash provided by operating activities $38,000

 Cash used in investing (26,000)

 Cash used in financing (4,500)

 Net change in cash 7,500

 Cash beginning X

 Cash ending $18,700

 Solving for X, cash beginning is $18,700 – $7,500 = $11,200.

##### Ex. 124

Prepare a statement of income, a statement of changes in equity, and a statement of financial position for Norman Rae Ltd., a service business, from the accounts listed below for the month of October, 2024:

 Accounts payable $10,000

 Accounts receivable 14,000

 Cash 10,000

 Common shares 28,000

 Dividends paid 6,000

 Income tax expense 4,500

 Equipment 30,000

 Supplies 2,800

 Supplies expense 3,500

 Rent expense 3,000

 Retained earnings, September 30 15,000

 Salaries expense 7,000

 Service revenue 28,500

 Utilities expense 700

**Solution 124** (30 min.)

**NORMAN RAE LTD.**

**Income Statement**

**Month Ended October 31, 2024**

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Revenues

 Service revenue $28,500

Expenses

 Salaries expense $7,000

 Supplies expense 3,500

 Rent expense 3,000

 Utilities expense 700

 Total expenses 14,200

Income before income tax 14,300

Income tax expense 4,500

Net income $ 9,800

**NORMAN RAE LTD.**

**Statement of Changes in Equity**

**Month Ended October 31, 2024**

––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––

 **Common Shares Retained Earnings Total Equity**

Balance, September 30 $28,000 $15,000 $43,000

Net income 9,800 9,800

Dividends declared \_\_\_\_\_\_\_ (6,000) (6,000)

Balance, October 31 $28,000 $18,800 $46,800

**NORMAN RAE LTD.**

**Statement of Financial Position**

**October 31, 2024**

––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––

Assets

Cash $10,000

Accounts receivable 14,000

Supplies 2,800

Equipment 30,000

 Total assets $56,800

Liabilities and Shareholders’ Equity

Liabilities

 Accounts payable $10,000

Shareholders’ equity

 Common shares $28,000

 Retained earnings 18,800

 Total shareholders’ equity 46,800

 Total liabilities and shareholders’ equity $56,800

##### Ex. 125

Use the following information to calculate for the year ended December 31, 2024:

(a) net income,

(b) ending retained earnings, and

(c) total assets.

 Accounts payable $11,000

 Accounts receivable 6,000

 Bank loan payable 2,000

 Cash 20,000

 Common shares 10,000

 Dividends declared 3,000

 Income tax expense 1,500

 Equipment 3,500

 Operating expenses 10,000

 Retained earnings (beginning) 4,000

 Revenues 18,500

 Supplies 1,500

##### Solution 125 (5 min.)

(a) $7,000 ($18,500 – $10,000 – $1,500)

(b) $8,000 ($4,000 + $7,000 – $3,000)

(c) $31,000 ($1,500 + $20,000 + $6,000 + $3,500)

##### Ex. 126

Use the following information to prepare, in good form, a statement of income, a statement of changes in equity, and a statement of financial position for Brass Industries Ltd. for the month ended August 31, 2024:

 Accounts payable $ 9,375

 Accounts receivable 5,500

 Bank loan payable 13,750

 Cash 58,750

 Common shares 94,375

 Dividends declared 6,250

 Income tax expense 17,375

 Insurance expense 2,125

 Buildings 125,000

 Retained earnings (beginning) 40,625

 Revenues 78,750

 Salaries expense 20,625

 Supplies 1,250

##### Solution 126 (30 min.)

**BRASS INDUSTRIES LTD.**

**Income Statement**

**Month Ended August 31, 2024**

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Revenues

 Service revenue $78,750

Expenses

 Salaries expense $20,625

 Insurance expense 2,125

 Total expenses 22,750

Income before income tax 56,000

Income tax expense 17,375

Net income $38,625

**BRASS INDUSTRIES LTD.**

**Statement of Changes in Equity**

**Month Ended August 31, 2024**

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 **Common Shares Retained Earnings Total Equity**

Balances, July 31 $94,375 $40,625 $135,000

Net income 38,625 38,625

Dividends declared \_\_\_\_\_\_ (6,250) (6,250)

Balances, August 31 $94,375 $73,000 $167,375

**BRASS INDUSTRIES LTD.**

**Statement of Financial Position**

**August 31, 2024**

––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––

Assets

Cash $ 58,750

Accounts receivable 5,500

Supplies 1,250

Buildings 125,000

 Total assets $190,500

Liabilities and Shareholders’ Equity

Liabilities

 Accounts payable $ 9,375

 Bank loan payable 13,750

 Total liabilities $ 23,125

Shareholders’ equity

 Common shares 94,375

 Retained earnings 73,000 167,375

 Total liabilities and shareholders’ equity $190,500

##### Ex. 127

Listed below is accounting information for Robinson Corp. at December 31, 2024. Prepare a statement of financial position in good format.

 Accounts payable $ 380,000

 Accounts receivable 240,000

 Building 750,000

 Cash 315,000

 Common shares 1,200,000

 Land 450,000

 Equipment 300,000

 Retained earnings 475,000

##### Solution 127 (10 min.)

**ROBINSON CORP**

**Statement of Financial Position**

**December 31, 2024**

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Assets

Cash $ 315,000

Accounts receivable 240,000

Land 450,000

Building 750,000

Equipment 300,000

 Total assets $2,055,000

Liabilities and Shareholders’ Equity

Liabilities

 Accounts payable $ 380,000

Shareholders’ equity

 Common shares $1,200,000

 Retained earnings 475,000 1,675,000

 Total liabilities and shareholders’ equity $2,055,000

##### Ex. 128

Indicate in the space provided by each item whether it would appear on the Income statement (IS), Statement of financial position (SFP), and/or Statement of changes in equity (SCE):

1. Service Revenue 7. Accounts Receivable

2. Utilities Expense 8. Common Shares

3. Cash 9. Equipment

4. Accounts Payable 10. Advertising Expense

5. Supplies 11. Dividends Declared

6. Salaries Expense 12. Notes Payable

##### Solution 128 (5 min.)

1. IS

2. IS

3. SFP

4. SFP

5. SFP

6. IS

7. SFP

8. SCE and SFP

9. SFP

10. IS

11. SCE

12. SFP

##### Ex. 129

Baird Inc. was reviewing its business activities at the end of its fiscal year (November 30, 2024) and decided to prepare a statement of changes in equity. At the beginning of the year, its assets were $600,000, liabilities were $150,000, and common shares were $200,000. The net income for the year was $220,000. Dividends of $120,000 were declared during the year.

**Instructions**

Prepare a statement of changes in equity for the year ended November 30, 2024.

##### Solution 129 (10 min.)

**BAIRD INC.**

**Statement of Changes in Equity**

**Year Ended November 30, 2024**

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 **Common Shares Retained Earnings Total Equity**

Balances, Nov. 30, 2023 $200,000 $250,000 $450,000

Net income 220,000 220,000

Dividends declared \_\_\_\_\_\_\_ (120,000) (120,000)

Balances, Nov. 30, 2024 $200,000 $350,000 $550,000

(opening R/E = $600,000 – $150,000 – $200,000 = $250,000)

##### Ex. 130

At September 1, the statement of financial position accounts for GoodFood Restaurant Ltd. were as follows:

 Accounts payable $ 3,800

 Accounts receivable 1,600

 Bank loan payable 46,000

 Building 68,000

 Cash 5,000

 Common shares ?

 Equipment 18,700

 Land 33,000

 Retained earnings 43,200

 Supplies 4,600

The following transactions occurred during the next two days:

Shareholders invested an additional $32,000 cash in the business. The accounts payable were paid in full. (No payment was made on the bank loan payable.)

**Instructions**

Prepare a statement of financial position at September 3, 2024.

##### Solution 130 (10 min.)

**GOODFOOD RESTAURANT LTD.**

**Statement of Financial Position**

**September 3, 2024**

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Assets

Cash $ 33,200

Accounts receivable 1,600

Supplies 4,600

Land 33,000

Building 68,000

Equipment 18,700

 Total assets $159,100

Liabilities and Shareholders’ Equity

Liabilities

 Bank loan payable $ 46,000

Shareholders’ equity

 Common shares $69,900

 Retained earnings 43,200 113,100

 Total liabilities and shareholders’ equity $159,100

Cash = $5,000 + $32,000 – $3,800 = $33,200

Accounts payable = $3,800 – $3,800 = $0

Shareholders’ Equity = $159,100 – $46,000 = $113,100

Common Shares = $113,100 – $43,200 = $69,900

##### Ex. 131

From the following list of selected accounts taken from the records of Smiles Unlimited Clinic Inc., identify those that would appear on the statement of financial position:

 (a) Common Shares (f) Accounts Payable

 (b) Service Revenue (g) Cash

 (c) Land (h) Supplies Expense

 (d) Salaries Expense (i) Supplies

 (e) Notes Payable (j) Utilities Expense

##### Solution 131 (5 min.)

(a), (c), (e), (f), (g), (i)

##### Ex. 132

One item is omitted in each of the following summaries of statement of financial position and statement of income data for three different corporations, X, Y, and Z.

**Instructions**

Determine the amounts of the missing items.

 **Corporation**

 **X Y Z**

Beginning of the Year

 Assets $400,000 $150,000 $199,000

 Liabilities 250,000 105,000 168,000

End of the Year

 Assets 450,000 195,000 195,000

 Liabilities 280,000 95,000 169,000

During the Year

 Common shares issued to shareholders ? 79,000 78,000

 Dividends declared 70,000 83,000 ?

 Revenue 195,000 ? 187,000

 Expenses, including income tax expense 155,000 113,000 185,000

##### Solution 132 (30 min.)

**Corporation X** ($50,000)

 Beginning shareholders’ equity ($400,000 – $250,000) $ 150,000

 Common shares issued ($170,000 + $70,000 – $150,000 – $40,000) 50,000

 Net income for year ($195,000 – $155,000) 40,000

 240,000

 Less: dividends declared 70,000

 Ending shareholders’ equity ($450,000 – $280,000) $170,000

**Corporation Y** ($172,000)

 Beginning shareholders’ equity ($150,000 – $105,000) $ 45,000

 Common shares issued 79,000

 Net income for year ($183,000 – $45,000 – $79,000) 59,000

 [Revenue = $172,000 ($113,000 + $59,000)] 183,000

 Less: dividends declared 83,000

 Ending shareholders’ equity ($195,000 – $95,000) $100,000

**Corporation Z** ($85,000)

 Beginning shareholders’ equity ($199,000 – $168,000) $ 31,000

 Common shares issued 78,000

 Net income for year ($187,000 – $185,000) 2,000

 111,000

 Less: dividends declared ($111,000 – $26,000) 85,000

 Ending shareholders’ equity ($195,000 – $169,000) $ 26,000

##### Ex. 133

Calculate the missing items.

 **Assets = Liabilities + Shareholders’ Equity**

 $80,000 = $32,000 + (a)

 (b) = $28,000 + $90,000

 $84,000 = (c) + $65,000

##### Solution 133 (5 min.)

(a) $48,000

(b) $118,000

(c) $19,000

##### Ex. 134

Identify which of the following accounts appear on a statement of financial position:

(a) Service revenue

(b) Cash

(c) Common shares

(d) Accounts payable

(e) Rent expense

(f) Supplies

(g) Land

##### Solution 134 (5 min.)

(b), (c), (d), (f), (g)

##### Ex. 135

For the items listed below, fill in the appropriate code letter to indicate whether the item is an asset, liability, or shareholders’ equity item.

 **Code**

 Asset A

 Liability L

 Shareholders’ Equity SE

 1. Rent expense 7. Accounts receivable

 2. Equipment 8. Retained earnings

 3. Accounts payable 9. Service revenue

 4. Common shares 10. Bank loan payable

 5. Insurance expense 11. Dividends declared

 6. Cash 12. Deferred revenue

##### Solution 135 (5 min.)

1. SE

2. A

3. L

4. SE

5. SE

6. A

7. A

8. SE

9. SE

10. L

11. SE

12. L

##### Ex. 136

Classify each of these items as an asset (A), liability (L), or shareholders’ equity (SE).

\_\_\_\_\_ 1. Accounts receivable \_\_\_\_\_ 6. Cash

\_\_\_\_\_ 2. Salaries payable \_\_\_\_\_ 7. Mortgage payable

\_\_\_\_\_ 3. Common shares \_\_\_\_\_ 8. Land

\_\_\_\_\_ 4. Supplies \_\_\_\_\_ 9. Dividends declared

\_\_\_\_\_ 5. Retained earnings \_\_\_\_\_ 10. Supplies expense

##### Solution 136 (5 min.)

1. A

2. L

3. SE

4. A

5. SE

6. A

7. L

8. A

9. SE

10. SE

##### Ex. 137

At the beginning of the year, Zane Limited had total assets of $600,000 and total liabilities of $300,000. Answer the following questions, viewing each situation as being independent of the others.

1. If total assets increased $225,000 during the year, and total liabilities decreased $100,000, what is the amount of shareholders’ equity at the end of the year?

2. During the year, total liabilities increased $315,000 and shareholders’ equity decreased $130,000. What is the amount of total assets at the end of the year?

3. If total assets decreased $60,000 and shareholders’ equity increased $180,000 during the year, what is the amount of total liabilities at the end of the year?

##### Solution 137 (5 min.)

1. $625,000

 **Total Assets Total Liabilities Shareholders’ Equity**

Beginning $600,000 $300,000 $300,000

Change 225,000 (100,000) 325,000

Ending $825,000 – $200,000 = $625,000

2. $785,000

 **Total Assets Total Liabilities Shareholders’ Equity**

Beginning $600,000 $300,000 $300,000

Change 185,000 315,000 (130,000)

Ending $785,000 = $615,000 + $170,000

3. $60,000

 **Total Assets Total Liabilities Shareholders’ Equity**

Beginning $600,000 $300,000 $300,000

Change (60,000) (240,000) 180,000

Ending $540,000 = $ 60,000 + $480,000

##### Ex. 138

Rug Repairs Ltd. has the following statement of financial position items:

 Accounts Payable

 Accounts Receivable

 Bank Loan Payable

 Cash

 Common Shares

 Equipment

 Retained Earnings

 Deferred Revenue

 Vehicles

**Instructions**

Identify which items are

(a) Assets

(b) Liabilities

(c) Shareholders’ Equity

##### Solution 138 (5 min.)

(a) Assets: Accounts Receivable; Cash; Equipment; Vehicles

(b) Liabilities: Accounts Payable; Bank Loan Payable; Deferred Revenue

(c) Shareholders’ Equity: Common Shares; Retained Earnings

##### Ex. 139

On June 1, Archipelego Ltd. prepared a statement of financial position that shows the following:

 Assets (no cash) $350,000

 Liabilities 210,000

 Shareholders’ Equity 140,000

Shortly thereafter, all of the assets were sold for cash.

**Instructions**

How would the statement of financial position appear immediately after the sale of the assets for cash for each of the following cases?

 **Cash Received for Balances Immediately After Sale**

 **the Assets Assets – Liabilities = Shareholders’ Equity**

Case A $360,000 $\_\_\_\_\_\_\_\_ $\_\_\_\_\_\_\_\_ $\_\_\_\_\_\_\_\_

Case B 350,000 \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

Case C 325,000 \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_

##### Solution 139 (5 min.)

 **Cash Received for Balances Immediately After Sale**

 **the Assets Assets – Liabilities = Shareholders’ Equity**

Case A $360,000 $360,000 $210,000 $150,000

Case B 350,000 350,000 210,000 140,000

Case C 325,000 325,000 210,000 115,000

##### Ex. 140

Calculate the missing amount in each category of the accounting equation:

 **Assets Liabilities Shareholders’ Equity**

(a) $360,000 $ ? $ 98,000

(b) $178,000 $ 73,000 $ ?

(c) $ ? $302,000 $310,000

##### Solution 140 (5 min.)

(a) $262,000 ($360,000 – $98,000 = $262,000).

(b) $105,000 ($178,000 – $73,000 = $105,000).

(c) $612,000 ($302,000 + $310,000 = $612,000).

##### Ex. 141

Use the following information to prepare the statement of cash flows for Santorini Corporation for the year ended December 31, 2024:

 Cash received from customers $37,500

 Cash dividends paid 4,500

 Cash paid to suppliers 15,000

 Cash paid for new equipment 45,000

 Cash received from lenders 10,500

 Cash, December 31, 2024 37,500

 Cash, December 31, 2024 21,000

##### Solution 141 (10 min.)

**SANTORINI CORPORATION**

**Statement of Cash Flows**

**Year Ended December 31, 2024**

––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––

Operating activities

 Cash received from customers $37,500

 Cash paid to suppliers (15,000)

 Net cash provided by operating activities $22,500

Investing activities

 Cash paid for new equipment (45,000)

Financing activities

 Cash received from lenders 10,500

 Cash dividends paid (4,500)

 Net cash provided by financing activities 6,000

Net decrease in cash (16,500)

Cash, December 31, 2023 37,500

Cash, December 31, 2024 $21,000

##### Ex. 142

Cooper Corporation’s shareholders’ equity equals one-fifth of the company’s total assets. The company’s liabilities are $345,000. What is the amount of the company’s shareholders’ equity?

##### Solution 142

X = 1 / 5X + $345,000 where X = total assets

Solving for X:

X – 1 / 5X = $345,000

4 / 5X = $345,000

X = $345,000 × 5 / 4

X = $431,250

Shareholder’s equity = (1 / 5) × $431,250 = $86,250

Proof: $86,250 + $345,000 = $431,250

## MATCHING

143. Match the items below by entering the appropriate code letter in the space provided.

 (a) Internal users (f) Assets

 (b) Proprietorship (g) Liabilities

 (c) Expenses (h) Private Corporation

 (d) Investing activities (i) Loss

 (e) Fiscal year (j) Dividends

\_\_\_\_\_ 1. Officers and others who manage the business

\_\_\_\_\_ 2. Ownership is limited to one person.

\_\_\_\_\_ 3. A separate legal entity that issues shares that are not publicly traded

\_\_\_\_\_ 4. Consumed assets or services

\_\_\_\_\_ 5. Creditor claims against the assets of the business.

\_\_\_\_\_ 6. Amount by which expenses exceed revenues.

\_\_\_\_\_ 7. Future economic benefits

\_\_\_\_\_ 8. Involves acquiring the resources necessary to run the business

\_\_\_\_\_ 9. Distributions to shareholders

\_\_\_\_\_ 10. An accounting period that is one year long

#### Answers to Matching

1. (a)

2. (b)

3. (h)

4. (c)

5. (g)

6. (i)

7. (f)

8. (d)

9. (j)

10. (e)

## SHORT-ANSWER ESSAY QUESTIONS

**S-A E 144**

Explain how the primary users of financial accounting information, investors and creditors, use accounting information.

**Solution 144** (5 min.)

Investors, otherwise known as shareholders or owners, use accounting information to make decisions to buy, hold, or sell their ownership interest. Creditors or lenders on the other hand, use accounting information to evaluate the risks of lending money or evaluate the risks of selling on credit.

##### S-A E 145

The information that a specific user of financial information needs depends upon the kinds of decisions that a user makes. Identify the major users of accounting information and discuss what questions financial information answers for each group of users.

##### Solution 145

The major users of accounting information are internal and external users. Internal users are those who manage the business. External users are those outside the business who have either a present or potential financial interest.

Financial information may answer the following questions for internal users:

1. Is cash sufficient to pay our debts?

2. How many employees can we afford to hire this year?

3. What is the cost of manufacturing each unit of product?

4. Which product line is the most profitable?

Questions answered by financial information for external users include:

1. Is the company earning a satisfactory net income?

2. How does the company compare in size and profitability with its competitors?

3. Will the company be able to pay its debts as they come due?

##### S-A E 146

Private corporations have a choice between using IFRS or ASPE.

1. Explain why a private corporation might choose to adopt ASPE rather than IFRS.
2. Explain why a private corporation might choose to adopt IFRS rather than ASPE.

##### Solution 146

1. A private corporation might adopt ASPE rather than IFRS:
2. because its users have different needs than those required of publicly traded corporations
3. to reduce the complexity of financial reporting
4. to reduce the cost of financial reporting
5. A private corporation might adopt IFRS rather than ASPE because:
6. it is considering accessing public debt or equity markets in the future
7. it wants to be able to compare its financial results with competitors that use IFRS
8. it has foreign subsidiaries that are required to use IFRS and it wants a common set of accounting standards across the company.

**S-A E 147**

John Donette, an old friend of yours from high school, started a small business about a year ago, which is organized as a private corporation. John is currently in the process of applying for a bank loan to expand his business. He shows you the most recent statement of financial position that he has prepared for the bank, which is as follows:

**DONETTE CORPORATION**

**Statement of Financial Position**

**September 30, 2024**

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Assets

Cash $ 90,000

Accounts receivable 24,750

Equipment 180,000

 Total assets $294,750

Liabilities and Shareholders’ Equity

Accounts payable $ 30,375

Shareholders’ equity 264,375

 Total liabilities and shareholders’ equity $294,750

Since John knows that you are studying accounting at college, he asks your opinion. “What do you think?” he says. “Do you think the bank will be impressed and lend me the $112,500 I’m asking for?”

You study the statement for a few minutes. You are pretty sure John doesn’t have anywhere near $180,000 worth of equipment belonging to the business, so you ask where all this equipment is. “Well,” explains John, “in order to increase my assets, I included my personal vehicle, computer, and camera equipment, and some of my furniture. They’re worth about $101,250. That should be OK, since they belong to me and I am the only shareholder anyway.” On further questioning, John admits that he added his personal savings account of $50,625 in with the company cash to “make it look better.”

**Instructions**

(a) Who are the stakeholders here?

(b) Is John’s “creative accounting” acceptable? Why or why not?

(c) What would you recommend be done here?

**Solution 147**

(a) The stakeholders in this situation are John, the bank, and any other external users who may rely on John’s financial statements.

(b) No, it is not acceptable. John is ignoring the reporting entity concept, which requires the separation of business and personal records. It is unethical to include personal assets with the business assets, as it distorts the overall financial picture and will mislead the bank.

(c) You should recommend that John revise the statement so that it correctly reflects the company’s true financial position. It should then be as follows:

**DONETTE CORPORATION**

**Statement of Financial Position**

**September 30, 2024**

–––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––––

Assets

Cash ($90,000 – $50,625) $ 39,375

Accounts receivable 24,750

Equipment ($180,000 – $101,250) 78,750

 Total assets $142,875

Liabilities and Shareholders’ Equity

Accounts payable $ 30,375

Shareholders’ equity ($264,375 – $50,625 – $101,250) 112,500

Total liabilities and shareholders’ equity $142,875

It may be that John will still be able to obtain the loan, but even if the bank turns him down, at least he can rest easy, knowing that he has acted ethically and presented a true picture of his business.

**S-A E 148**

What is the difference between “closely held” and “widely held” shares?

**Solution 148** (5 min.)

A public corporation has shares that are publicly traded and listed on Canadian stock exchanges such as the Toronto Stock Exchange (TSX). These companies have thousands of shareholders and, as such, their shares are said to be “widely held.” A private corporation also issues shares, but it does not make them available to the general public, nor are they traded on public stock exchanges. These shares are often said to be “closely held.”

##### S-A E 149

Identify the types of transactions that affect shareholders’ equity under ASPE and IFRS, and how they affect it?

##### Solution 149

Under ASPE, shareholders’ equity generally consists of share capital and retained earnings. Share capital is increased by issues of common or preferred shares, for example. Retained earnings are increased by revenues, and decreased by expenses and dividends declared.

In addition to share capital and retained earnings, shareholders’ equity may also include accumulated other comprehensive income under IFRS. While retained earnings accumulates net income over time, accumulated other comprehensive income accumulates other comprehensive income (complex items similar to revenues and expenses not used in determining net income) over time.

**S-A E 150**

In what order should the four financial statements be prepared? Explain why it is necessary to prepare the financial statements in the proper order.

**Solution 150**

Order of financial statement preparation:

1. statement of income;

2. statement of changes in equity;

3. statement of financial position; and

4. statement of cash flows.

It is necessary to prepare the financial statements in proper order because they are interrelated. The statement of changes in equity cannot be prepared without knowing the results from the statement of income. Thus, the statement of income must be prepared first. The statement of financial position cannot be prepared without knowing the ending balance for retained earnings, which is taken from the statement of changes in equity. Finally, the statement of cash flows shows how the cash account changed during the period. The ending cash balance shown on the statement of cash flows must agree with the cash balance shown on the statement of financial position.

##### S-A E 151

The framework used to record and summarize the economic activities of a company is referred to as the accounting equation.

(a) State the basic accounting equation and define its major components.

(b) How are business transactions and financial statements related to the accounting equation?

##### Solution 151

(a) The basic accounting equation is expressed as follows:

 Assets = Liabilities + Shareholders’ Equity

 Assets are defined as resources owned by the business. Liabilities are creditors’ claims against the assets of the business—in other words, existing debts and obligations. Shareholders’ equity is the ownership claim on the total assets of the business; it is equal to total assets minus total liabilities.

(b) Business transactions are economic events and activities that affect the elements of the basic accounting equation; that is, transactions cause increases or decreases in assets, liabilities, and shareholders’ equity. Financial statements report the results and effects of transactions on the business' assets, liabilities, and shareholders’ equity. The statement of financial position is a summary expression of the basic accounting equation.

##### S-A E 152

Identify each of the four financial statements. For each statement, explain the primary purpose and identify the primary users and their uses. Answer in point form.

##### Solution 152

Statement of Income

• Primary purpose – report the success or failure of the company for a specific period of time

• Primary users and uses

 1. Shareholders/investors – to decide whether to invest or sell their investment

 2. Creditors/lenders – to decide whether to loan the company money and assess whether it will be able to repay any debt.

Statement of changes in equity

• Primary purpose – to show the amounts and causes of changes in each component of shareholders’ equity during a specific period of time (same period as statement of income)

• Primary users and uses

 1. Shareholders/investors – to evaluate dividend policy

 2. Creditors/lenders – to monitor dividend policy as it affects the ability to repay debt

Statement of financial position

• Primary purpose – to report assets and claims to assets at a particular point in time

• Primary users and uses

 1. Creditors/lenders – to assess the likelihood that they will be repaid

 2. Managers – to determine if they have the best mix of debt and equity financing

Statement of cash flows

• Primary purpose – to provide information about cash receipts and payments of a business for a specific period of time (same period as statement of income)

• Primary users and uses

 1. Shareholders/investors – to decide whether to invest or sell their investment

 2. Creditors/lenders – to decide whether to lend the business money and assess whether it will be able to repay its debts.

##### S-A E 153

Carol Channings is a friend of yours from high school. She decided to become a beautician after leaving high school, rather than attending college. She recently opened her own shop on September 1, 2024, and has contracted her services to a local hospital. She is paid a fee for her services from the hospital, and receives a small gratuity (tip) from each patient. She has invested $1,000 of her own money into the company, which is a private corporation, as she plans to expand by providing services to hospitals in other nearby cities. She is the sole shareholder.

She has just received her first set of financial statements from her accountant. She is quite upset. Since the statement of income reports net income of $1,075 and she put $1,000 into the company, she is surprised to see her cash account only has $925 in it.

She has written you a letter, asking you how this is possible. She does not understand why her cash balance isn’t $2,075 (her net income plus the $1,000 she invested). Along with her letter she has included her financial statements.

**CHANNINGS BEAUTICIAN LTD.**

**Statement of Income**

**Month Ended September 30, 2024**

—————————————————————————————————————————

Revenues

 Service revenue $2,500

 Gratuities………………………………………………………………... 75

 Total revenues…………………………………………………….. 2,575

Operating expenses 1,200

Income before income tax 1,375

Income tax expense 300

Net income $1,075

**CHANNINGS BEAUTICIAN LTD.**

**Statement of Changes in Equity**

**Month Ended September 30, 2024**

—————————————————————————————————————————

 **Common Shares Retained Earnings Total Equity**

Balances, Sept. 1 $ 0 $ 0 $ 0

Issued common shares 1,000 1,000

Net income 1,075 1,075

Balances, Sept. 30 $1,000 $1,075 $2,075

**CHANNINGS BEAUTICIAN LTD.**

**Statement of Financial Position**

**September 30, 2024**

——————————————————————————————————————————

Assets

Cash $ 925

Accounts receivable 1,500

 Total assets $2,425

Liabilities and Shareholders’ Equity

Liabilities

 Accounts payable $ 50

 Income tax payable 300

 Total liabilities $ 350

Shareholders’ equity

 Common shares 1,000

 Retained earnings 1,075 2,075

 Total liabilities and shareholders’ equity $2,425

**Instructions**

Using proper form, write a short letter to Carol to answer her question.

**Solution 153**

Answers will vary. The instructor's requirements concerning proper form should be followed. The letter may be either business or personal. At a minimum, the letter should be in a recognizable form, and proper grammar and spelling should be used. A suggested personal letter follows:

1010 Carlsen Avenue

Ottawa, Ontario

K2P 1G0

(Date)

Dear Carol,

The reason that your cash balance is not $2,075 is because some of the revenue you have earned has not been paid to you yet. This is the balance in the Accounts Receivable account, which shows what your customer, the hospital, still owes you for the services you have provided.

There are also expenses that you have incurred that you have not paid yet. The Accounts Payable account shows the money you still owe to your suppliers and the Income Tax Payable account shows the amount of money you still have to pay for income tax expense.

When your customer has paid to you what they owe and when you pay off your liabilities, your cash balance will be $2,075, as the following calculation shows:

Cash balance $ 925

Add: Cash to be received from the hospital (Accounts Receivable) 1,500

Less: Cash paid to your suppliers (Accounts Payable) (50)

Less: Cash paid for income tax (Income Tax Payable) (300)

Cash balance $2,075

The amount of cash reported on your statement of financial position is correct. A statement of cash flows will provide information on the cash receipts and payments for your business and will help to explain the cash balance that appears on your statement of financial position.

Sincerely,

(signature)

**S-A E 154**

Identify and explain how financial statement users can evaluate the equity of a company through the statement of changes in shareholders’ equity.

**Solution 154** (10 min.)

Users can use the statement of changes in equity to determine:

1. whether the company issued or repurchased shares during the period. The issue of shares is one way a company obtains funds to expand or to repay debt, while share repurchases generally indicate that the company has surplus cash that it can return to shareholders.
2. how much of the company’s retained earnings was declared as dividends. Companies that are growing, or have debt to repay, normally preserve the cash they generate and pay little to no dividends.

**S-A E 155**

The statement of cash flows summarizes the company’s cash flows from operating, investing, and financing activities. A user of this statement can then determine the amount of cash provided (or used) by operating activities, the amount of cash provided (or used) by investing activities, and the amount of cash provided (or used) by financing activities.

1. Explain why it is desirable for operating activities to provide cash.
2. Explain why investing activities, for most growing companies, use rather than provide cash.
3. Explain why financing activities, for most growing companies, provide rather than use cash.

**Solution** **155** (10 min.)

(a) Operating activities are activities the company performs to generate income. It is desirable for operating activities to provide cash (positive balance) rather than use cash (negative balance). A positive source of cash from operating activities can help fund the investment in additional assets to grow the business and/or fund debt repayments or dividend payments.

(b) Investing activities include the purchase or sale of long-lived assets used in operating the business, or the purchase or sale of long-term investment securities. For most growing companies, investing activities use cash (negative balance) rather than provide cash (positive balance), because growing companies spend more cash to purchase additional assets as opposed to receiving cash proceeds from disposing of assets they have finished using.

(c) Financing activities include borrowing or repaying money, issuing or repurchasing shares, and paying dividends. For most growing companies, financing activities provide cash (positive balance) rather than use cash (negative balance). Most growing companies have to borrow money or issue shares rather than being able to repay financing. As companies mature, they are able to repay financing, and this balance becomes negative (cash used) more often than positive.

**OBJECTIVE FORMAT QUESTIONS**

**OF 156**

Identify all of the following that are true with regards to ethics and accounting:

(a) Accountants and other professionals have extensive rules of professional conduct that guide their behaviour; therefore, information prepared by accountants is always ethically compiled.

(b) Ethical practices when compiling accounting information are critical as both internal and external decision makers rely on accounting information to make decisions.

(c) Information reported by public corporations is used by government, unions, investors, and potential employees. The impact of unethical practices by a public corporation, therefore, could be much larger than the impact of unethical practices by a proprietorship.

(d) Ethical practices are most important when compiling external accounting information.

(e) Most individuals in businesses act in a legal and responsible manner.

(f) Since proprietorships and partnerships have no shareholders, ethics are not a big concern.

**Solution 156**

Statements (b), (c), and (e) are correct; (a), (d), and (f) are incorrect.

(a) Accountants do have a professional code of conduct that guides their behaviour but this does not guarantee that the information is ethically compiled.

(d) Ethical information is important regardless of if it is internal or external. Internal users of information also need information that is ethically compiled and reported.

(f) Ethics are a concern for all forms of business organization. The owners are a business, regardless of business organization, and are responsible to their stakeholders including employees, the government, society, and customers.

**OF 157**

Questions below are used by financial information users. Choose the type of user (internal, external) that would ask the question:

|  |  |
| --- | --- |
| (a) To determine which company to invest in, how does this company compare in size and profitability with its competitors? | Internal or External |
| (b) At what price should the company’s inventory be sold? | Internal or External |
| (c) If we loan the company money, can the company repay its debts as they come due? | Internal or External |
| (d) Should I purchase common shares in the company? | Internal or External |
| (e) Should a product line be discontinued? | Internal or External |
| (f) Does spending more money on advertising increase the number of sales? | Internal or External |
| (g) Should the components needed be manufactured or purchased? | Internal or External |
| (h) What amount of dividends should be declared this year? | Internal or External |
| (i) As a supplier, should the terms 2/10 net 30 be offered to the company? | Internal or External |

**Solution 157**

Internal users of financial information ask questions to help them make decisions required to run the company. External users, such as creditors and investors, are not involved in the managing of a company and ask questions to determine things like whether to invest or whether to lend money to the company.

|  |  |
| --- | --- |
| (a) To determine which company to invest in, how does this company compare in size and profitability with its competitors? | External |
| (b) At what price should the company’s inventory be sold? | Internal |
| (c) If we loan the company money, can the company repay its debts as they come due? | External |
| (d) Should I purchase common shares in the company? | External |
| (e) Should a product line be discontinued? | Internal |
| (f) Does spending more money on advertising increase the number of sales? | Internal |
| (g) Should the components needed be manufactured or purchased? | Internal |
| (h) What amount of dividends should be declared this year? | Internal |
| (i) As a supplier, should the terms 2/10 net 30 be offered to the company? | External |

**OF 158**

Identify all of the following statements that are true:

(a) For proprietorships, there is a clear legal distinction between the business as an economic unit and the owner.

(b) The reporting entity concept represents the idea that an owner’s personal records and business records must be kept separate.

(c) A proprietorship is distinct from a partnership in that a proprietorship’s income is reported as self-employment income for tax purposes.

(d) Partnerships are typically used to organize professional service businesses, such as the practices of lawyers, doctors, architects, engineers, and accountants.

(e) Exposure to personal liability risk is a factor that must be considered when choosing the organizational form of a new business.

(f) The main advantages of incorporation include definite life, ease of transferring ownership when selling shares, and unlimited liability.

(g) In Canada, private corporations must use IFRS for financial reporting.

(h) Because proprietorships and partnerships are privately owned, they generally follow ASPE for external financial reporting purposes.

**Solution 158**

Statements (b), (d), (e), and (h) are correct; (a), (c), (f) and (g) are incorrect.

(a) For partnerships and proprietorships, there is no legal distinction between the business and its owners. Owners have indefinite liability for the business.

1. Both proprietorship and partnership income are reported as self-employment earnings for tax purposes.

(f) The main advantages of incorporation include **indefinite** life, ease of transferring ownership when selling shares, and **limited** liability.

(g) In Canada, private corporations may use ASPE or IFRS. Public corporations must use IFRS.

**OF 159**

Choose the **most likely** type(s) of business organization being described:

|  |  |
| --- | --- |
|  | Proprietorship,Partnership, orCorporation |
| (a) The business must use international financial reporting standards (IFRS) for financial reporting. |  |
| (b) Shares are listed on a public stock exchange. |  |
| (c) The business life is definite. |  |
| 1. The business is a separate legal entity owned by shareholders and is the most complex form of business to establish.
 |  |
| 1. A business is similar to a proprietorship except that there is more than one owner.
 |  |
| 1. There exists for the business a formalized written agreement that outlines the formation of the business organization, owners’ contributions, how net income and losses are shared, provisions for withdrawals of assets, dispute resolution, and liquidation.
 |  |
| 1. There is no legal distinction between the business as an economic unit and the owner(s).
 |  |
| 1. The business finds it easier to raise external capital (cash) compared with other forms of business organization.
 |  |
| 1. This form of business organization includes both public and private forms.
 |  |
| 1. The owner(s) of this company have unlimited liability for all debts.
 |  |

**Solution 159**

(a) **Corporation.** Public corporations must use IFRS when reporting financial information. Private corporations have the choice of IFRS or ASPE. Proprietorships and partnerships generally follow ASPE for external financial reporting purposes.

(b) **Corporation.** Only public corporations have shares listed on a public stock exchange.

(c) **Proprietorship and partnership.** A proprietorship or partnership is dissolved with the withdrawal, death or incapacity of its owner(s). A corporation, on the other hand, is a separate legal entity from its owners, and will continue on regardless of who owns its shares.

(d) **Corporation.** A corporation is formed as a separate legal entity from its owners. The legal and reporting requirements for corporations are more complicated than proprietorships or partnerships.

(e) **Partnership.** Partnerships are similar to proprietorships except they have two or more partners and are formalized through a partnership agreement.

(f) **Partnership and corporation.** The owners of a partnership normally develop a partnership agreement that outlines ownership interests and how specific actions will be undertaken, such as how the partnership will be dissolved or how disputes are settled.

(g) **Proprietorship and partnership.** For both a proprietorship and partnership, the owner(s) is (are) responsible for all liabilities of the business and income is reported as self-employment earnings for tax purposes.

1. **Corporation.** The advantages of indefinite life, ease of transferring ownership when selling shares, and limited liability help increase the attractiveness of the company to investors.
2. **Corporation.** Private corporations issue shares, but they do not make them available to the general public nor are they traded on public stock exchanges. A public corporation’s shares are traded on a public stock exchange.
3. **Proprietorship and partnership.** For both a proprietorship and partnership, the owner(s) is (are) responsible for all liabilities of the business.

**OF 160**

For each characteristic below, identify the primary form of business organization (sole proprietorship, partnership, corporation) being described. If the characteristic applies to all types of business organizations, choose ‘All three business organizations.’

|  |  |
| --- | --- |
| (a) The single owner of the business is solely responsible for the debts of the business. | Sole Proprietorship, Partnership, Corporation, All three business organizations |
| (b) There is a legal distinction between the business and the owner(s). | Sole Proprietorship, Partnership, Corporation, All three business organizations |
| (c) This type of business organization may be listed on a stock exchange. | Sole Proprietorship, Partnership, Corporation, All three business organizations |
| (d) The business records are kept separately from the personal records of the owner(s). | Sole Proprietorship, Partnership, Corporation, All three business organizations |
| (e) The four owners report the business’s income on their personal tax returns. | Sole Proprietorship, Partnership, Corporation, All three business organizations |
| (f) Losses of the owners is limited to the amount the owners have invested in the business. | Sole Proprietorship, Partnership, Corporation, All three business organizations |
| (g) Ownership of the business is easily transferred through the sale of shares. | Sole Proprietorship, Partnership, Corporation, All three business organizations |
| (h) The two owners receive all income and suffer all losses from the business. | Sole Proprietorship, Partnership, Corporation, All three business organizations |
| (i) The business is owned by one owner and that owner has unlimited liability. | Sole Proprietorship, Partnership, Corporation, All three business organizations |
| (j) The business can raise capital by borrowing money from a banking institution. | Sole Proprietorship, Partnership, Corporation, All three business organizations |

**Solution 160**

|  |  |
| --- | --- |
| (a) The single owner of the business is solely responsible for the debts of the business. Sole proprietorships and partnerships have owners with unlimited liability. Corporations are the only type of business organization with limited liability. | Sole Proprietorship |
| (b) There is a legal distinction between the business and the owner(s). Corporations are separate legal entities and are separate from their shareholders. | Corporation |
| (c) This type of business organization may be listed on a stock exchange. Only corporations have shares that can be listed on public stock exchanges. | Corporation |
| (d) The business records are kept separately from the personal records of the owner(s). All business organizations keep accounting records separate from those of the owner(s) or shareholders. | All three business organizations |
| (e) The four owners report the business’s income on their personal tax returns. Sole proprietorships and partnerships have owners report the business’s income on their personal tax returns. In this case, since there are four owners as opposed to shareholders, the business is a partnership. | Partnership |
| (f) Losses of the owners is limited to the amount the owners have invested in the business. Corporations have limited liability and therefore, the owners are not responsible for the debts of the business. | Corporation |
| (g) Ownership of the business is easily transferred through the sale of shares. Only corporations have shares. | Corporation |
| (h) The two owners receive all income and suffer all losses from the business. Sole proprietorships and partnerships have owners that benefit from all income or suffer all losses from the business. This is known as unlimited liability. In this case, since there are two owners, the business is a partnership. | Partnership |
| (i) The business is owned by one owner and that owner has unlimited liability. This is a Sole proprietorship as it is owned by a single person and the owner is responsible for any losses suffered by the business. | Sole Proprietorship |
| (j) The business can raise capital by borrowing money from a banking institution. Any business organization can raise money by borrowing from a banking institution. | All three business organizations |

**OF 161**

Choose on which financial statement(s) the item would be included:

(1) statement of income,

(2) statement of changes in equity,

(3) statement of financial position and/or

(4) statement of cash flows.

|  |  |
| --- | --- |
|  | (1), (2), (3), or (4) |
| (a) Common shares issued during the year |  |
| (b) Revenues |  |
| (c) Accounts payable |  |
| (d) Depreciation expense |  |
| (e) Land |  |
| (f) Deferred revenue |  |
| (g) Income tax expense |  |
| (h) Retained earnings |  |
| (i) Dividends declared and paid |  |

**Solution 161**

The items are shown on the financial statements as follows:

|  |  |
| --- | --- |
| (a) Common shares issued during the year | (2), (4)The ending balance of common shares is shown on the statement of financial position, but new issuances are only shown on the statement of cash flows and statement of changes in equity. |
| (b) Revenues | (1)Revenues are only reported on the statement of income. |
| (c) Accounts payable | (3)Accounts payable is a short-term liability, which is reported on the statement of financial position. |
| (d) Depreciation expense | (1)All expenses are only reported on the statement of income (although depreciation expense may appear on the statement of cash flows under the indirect method). |
| (e) Land | (3)Land is a long-lived asset, which is reported on the statement of financial position. |
| (f) Deferred revenue | (3)Deferred revenue is a liability. It is money that the company has received for a service it has not yet performed or products that have not yet been provided. Liabilities are reported on the statement of financial position. |
| (g) Income tax expense | (1)All expenses are only reported on the statement of income. |
| (h) Retained earnings | (2), (3)Retained earnings are shown on both the statement of changes in equity and the statement of financial position. The statement of changes in equity shows the detailed breakdown of how retained earnings is determined, while the statement of financial position only shows its ending balance. |
| (i) Dividends declared and paid | (2), (4)Dividends are not an expense. They are a distribution of income to shareholders. They are shown on the statement of changes in equity as well as the statement of cash flows. |

**OF 162**

The following incomplete financial statements are for JTC Enterprises Inc.:

**JTC ENTERPRISES INC.**

**Statement of Income**

**Year Ended December 31, 2024**

—————————————————————————————————————————

Revenues $1,250,000

Expenses

 Salaries expense 680,000

 Administrative expenses 250,000

 Interest expense 45,000

 Rent expense 18,000

 Total expenses (a)

Net income (b)

**JTC ENTERPRISES INC.**

**Statement of Changes in Equity**

**Year Ended December 31, 2024**

Total shareholders’ equity, beginning of year $811,000

Common shares, beginning of year (c)

Issue of shares 250,000

Common shares, end of year 475,000

Retained earnings, beginning of year (d)

Net income (e)

Dividends declared 58,000

Retained earnings, end of year 785,000

Total shareholders’ equity, end of year (f)

**JTC ENTERPRISES INC.**

**Statement of Financial Position**

**December 31, 2024**

Total assets (g)

Total liabilities 1,785,000

Total shareholders’ equity (h)

Total liabilities and shareholders’ equity (i)

**Instructions**

Complete the missing data in these financial statements by choosing from the following amounts. Note: some values will be used more than once and some values will not be used.

1. $257,000

2. $1,260,000

3. $725,000

4. $225,000

5. $993,000

6. $528,000

7. $470,000

8. $3,791,000

9. $586,000

10. $2,006,000

11. $3,045,000

|  |
| --- |
| (a) Total expenses |
| (b) Net income |
| (c) Common shares, beginning of year |
| (d) Retained earnings, beginning of year |
| (e) Net income |
| (f) Total shareholders’ equity, end of year |
| (g) Total assets |
| (h) Total shareholders’ equity |
| (i) Total liabilities and shareholders’ equity |

**Solution 162**

The answers are as follows:

|  |  |
| --- | --- |
| (a) Total expenses |  5. $993,000  |
| (b) Net income |  1. $257,000 |
| (c) Common shares, beginning of year |  4. $225,000 |
| (d) Retained earnings, beginning of year |  9. $586,000 |
| (e) Net income |  1. $257,000 |
| (f) Total shareholders’ equity, end of year |  2. $1,260,000 |
| (g) Total assets |  11. $3,045,000 |
| (h) Total shareholders’ equity |  2. $1,260,000 |
| (i) Total liabilities and shareholders’ equity |  11. $3,045,000 |

The following shows the completed financial statements for JTC Enterprises Inc.:

**JTC ENTERPRISES INC.**

**Income Statement**

**Year Ended December 31, 2024**

—————————————————————————————————————————

Revenues $1,250,000

Expenses

 Salaries expense 680,000

 Administrative expenses 250,000

 Interest expense 45,000

 Rent expense 18,000

 Total expenses 993,000

Net income $ 257,000

**JTC ENTERPRISES INC.**

**Statement of Changes in Equity**

**Year Ended December 31, 2024**

Total shareholders’ equity, beginning of year $ 811,000

Common shares, beginning of year 225,000

Issue of shares 250,000

Common shares, end of year 475,000

Retained earnings, beginning of year 586,000

Net income 257,000

Dividends declared 58,000

Retained earnings, end of year 785,000

Total shareholders’ equity, end of year $1,260,000

**JTC ENTERPRISES INC.**

**Statement of Financial Position**

**December 31, 2024**

Total assets $3,045,000

Total liabilities 1,785,000

Total shareholders’ equity 1,260,000

Total liabilities and shareholders’ equity $3,045,000

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