

Chapter One Test Item File Problems

TIF PROBLEM ONE - 1

Introduction - Essay Questions

1. The major source of federal revenues is the personal income tax. Indicate three other types of taxes that contribute to federal revenues.
2. What is the meaning of “person” when the term is used in the *Income Tax Act*?
3. Briefly describe the procedures used in calculating provincial income taxes for individuals in provinces other than Quebec.
4. The Canadian income tax system is often used to achieve various economic objectives. Give three examples that illustrate this point.
5. Provide an example of how taxation policy can be used to influence resource allocation.
6. The government pays a “child tax benefit” to the parents of children who are under 18 years of age. The payments are reduced by a percentage of income in excess of a specified level. What objectives are achieved by this benefit system?
7. Indicate three disadvantages of a tax system that uses progressive rates.
8. A regressive tax is one that taxes high income individuals at lower effective rates. Explain why a sales tax levied at a flat rate of 8 percent can be regressive.
9. Distinguish between horizontal equity and vertical equity as these terms are used in describing tax systems.
10. What are some of the factors that have led to the entrenched use of tax expenditures as opposed to program spending?
11. While the Sections of the *Income Tax Act* are numbered 1 through 260, there are actually more than 260 Sections. Explain why this is the case.
12. What purposes are served by Canada’s international tax treaties?
13. List four non-legislative sources of income tax information.
14. What is the meaning of “taxation year” as the phrase is used in the *Income Tax Act*?
15. Under what circumstances will a person who is not resident in Canada be required to pay Canadian income taxes?
16. What are the components of Net Income For Tax Purposes?
17. ITA 3(b) states that a taxpayer should “determine the amount, if any”, by which taxable capital gains exceeds allowable capital losses. In this context, what is the meaning of the phrase “the amount, if any”?
18. What is the difference between tax avoidance and tax deferral?

19. What is income splitting? Under what circumstances will it provide tax benefits to an individual?

20. Contributions to a Registered Retirement Savings Plan can be deducted to reduce the taxes of an individual in the year that they are made. However, these contributions will be subject to tax when they are withdrawn from the plan. What type of tax planning is involved in this arrangement?

TIF PROBLEM ONE - 2

Introduction - True Or False

1. A value added tax is a tax levied on the increase in value of a commodity or service that has been created by the taxpayer's stage of the production or distribution cycle.
True or False?
2. A partnership can be a taxable entity for income tax purposes.
True or False?
3. A partnership can be a taxable entity for GST purposes.
True or False?
4. In general, provincial income taxes are based on a specified percentage of federal tax payable.
True or False?
5. The federal government does not collect personal or corporate taxes for Ontario or Quebec.
True or False?
6. A sales tax is a regressive tax even when it is applied at a single rate on all transactions.
True or False?
7. A major advantage of progressive tax rates is that their use encourages economic growth.
True or False?
8. Tax expenditures are less costly to administer than direct funding programs.
True or False?
9. Part I of the *Income Tax Act* is the largest and most important part.
True or False?
10. The citation ITA 61(4)(b)(ii) would be read Paragraph 61, Subparagraph 4, Section b, Subsection ii.
True or False?
11. An income tax is payable for each taxation year on the Taxable Income of every person resident in Canada at any time in the year.
True or False?
12. Any taxpayer can choose the calendar year as their taxation year.
True or False?

TIF PROBLEM ONE - 3

Introduction - Multiple Choice

Canadian Tax System

1. Which of the following is not a taxable entity for Canadian income tax purposes?
 - A. Darklyn Ltd., a Canadian resident corporation.
 - B. Ms. Sarah Bright, a Canadian resident.
 - C. Walters and Walters, a group of CMAs operating as a partnership.
 - D. The Martin family trust.
2. Which of the following could be required to file a GST return?
 - A. Chan's Clothing Store (an unincorporated business)
 - B. The Chan Foundation (a registered charity)
 - C. Min Chan (an individual)
 - D. All of the above could be required to file a GST return.
3. Which of the following forms of taxation provides the largest component of federal government taxation revenues:
 - A. Personal income tax
 - B. Corporate income tax
 - C. Goods and services tax
 - D. Employment insurance premiums
4. With respect to provincial income taxes, other than those assessed in Quebec, which of the following statements is not correct?
 - A. Each province can apply different rates to as many brackets for individuals as it wishes.
 - B. The federal government collects the provincial income tax for individuals for every province except Quebec.
 - C. Each province can establish its own tax credits to apply against Tax Payable for individuals.
 - D. Each province can establish rules for determining the Taxable Income of individuals.

Tax Policy Concepts

5. Which of the following goals is not a current economic policy objective of the Canadian tax system?
 - A. Ensure the continued provision of public goods
 - B. Redistribute income and wealth among taxpayers
 - C. Ensure fairness in the allocation of resources to different levels of government.
 - D. Economic stabilization such as stimulating the economy or creating jobs.
6. Which of the following can be considered an advantage of an income tax system based on progressive rates?
 - A. A progressive rate system is simpler to administer.
 - B. A progressive rate system provides greater stability in the context of changing economic conditions.
 - C. A progressive system discourages tax evasion.
 - D. A progressive system encourages greater effort on the part of individuals.

7. Which of the following statements accurately describes a regressive tax?
- A. A tax which results in higher effective tax rates for higher income taxpayers.
 - B. A tax which results in lower effective tax rates for higher income taxpayers.
 - C. A tax in which the same effective rate applies to all levels of income.
 - D. A tax that is shifted to consumers through price increases on the goods purchased.
8. Which of the following statements with respect to using tax expenditures rather than program spending is not correct?
- A. It is more costly to administer tax expenditures as opposed to program spending.
 - B. Tax expenditures reduce the visibility of government actions.
 - C. Tax expenditures leave fewer decisions in the hands of the private sector, thereby providing for more efficient allocation of resources.
 - D. Tax expenditures reduce the impact of progressive rates on higher income taxpayers.
9. Which of the following would not be considered a desirable characteristic of a tax system?
- A. Balance between sectors.
 - B. Inelasticity.
 - C. Neutrality.
 - D. Flexibility.
10. Which of the following would be considered a desirable characteristic of an effective tax system?
- A. Inelasticity.
 - B. Lack of international competitiveness.
 - C. Simplicity.
 - D. Ambiguity.
11. "We should not have a tax system which encourages investment in particular assets or in specific areas of the country." This statement reflects which of the following qualitative characteristics of an effective tax system?
- A. Neutrality.
 - B. Horizontal equity.
 - C. Simplicity.
 - D. Elasticity.
12. "Taxpayers who earn \$100,000 in dividends should pay the same amount of tax as taxpayers who earn \$100,000 in capital gains." This statement reflects which of the following qualitative characteristics of an effective tax system?
- A. Vertical equity.
 - B. Neutrality.
 - C. Elasticity.
 - D. Horizontal equity.

Income Tax Reference Materials

13. With respect to the structure of the *Income Tax Act*, which of the following statements is correct?
- A. The major components of the *Income Tax Act* are called Divisions.
 - B. The current *Income Tax Act* has Sections numbered 1 through 260, reflecting the fact that there are 260 Sections in the *Act*.
 - C. All Parts of the *Income Tax Act* have Divisions.
 - D. All Parts of the *Income Tax Act* contain at least one Section.

14. Of the following publications, indicate the one that is not a legislative source.
- A. *Income Tax Act*.
 - B. Interpretation Bulletins.
 - C. Income Tax Application Rules.
 - D. International Tax Treaties.
 - E. Income Tax Regulations.
15. Of the following publications, indicate the one that is not published by the CRA.
- A. Interpretation Bulletins.
 - B. Information Circulars.
 - C. Dominion Tax Cases.
 - D. Income Tax Technical News.
16. There are a number of common areas of litigation involving the CRA. Indicate which type of transaction is least likely to be in dispute.
- A. Arm's length versus non-arm's length transactions.
 - B. Capital versus income transactions.
 - C. Unreported revenues from business transactions.
 - D. Establishment of fair market value.
 - E. The deductibility of farm losses against other sources of income.
17. Where would an individual find the formula for determining the prescribed rate?
- A. The Income Tax Act.
 - B. The Income Tax Regulations.
 - C. A CRA Interpretation Bulletin.
 - D. A CRA Information Circular.
18. Which of the following statements is not correct?
- A. Most major income tax changes are introduced in the annual Federal Budget.
 - B. A federal election can prevent passage of draft legislation.
 - C. Proposed changes in tax law are usually introduced to parliament in the form of a Notice of Ways and Means Motion.
 - D. When there is a conflict between the Canadian *Income Tax Act* and an international agreement, the terms of the Canadian *Income Tax Act* prevail.

Liability For Tax

19. A person is liable for income tax in Canada if they:
- A. are a resident in Canada.
 - B. are a citizen of Canada.
 - C. have lived in Canada at anytime during the year.
 - D. All of the above are required.
20. Which of the following persons is not liable for Canadian income tax under Part I of the *Income Tax Act*?
- A. Pheap Chom, an individual who has resided in Canada for the past 15 years.
 - B. Chom Incorporated, a Canadian resident corporation.
 - C. Phon Im, a resident of the United States who earns employment income in Canada.
 - D. Bunly Im, a resident of the United States who earns interest income in Canada.

21. Which of the following types of income earned by a non-resident is not subject to Canadian income tax under Part I of the *Income Tax Act*?
- A. Employment income earned in Canada
 - B. Business income earned in Canada
 - C. Rental income earned in Canada
 - D. Income from the disposition of Canadian real estate

Alternative Concepts of Income

22. Which of the following statements accurately describes the *Income Tax Act* view of income?
- A. Net income is determined by adding revenue based on recognition at the point of sale and deducting expenses which are determined based on generally accepted accounting principles.
 - B. Net income is determined by adding together several different types of income based on an ordering rule.
 - C. Net income is the amount paid to an employee after an employer deducts CPP, EI, income taxes and any other source deductions from employee pay.
 - D. Net income is the total increase in a taxpayer's net worth for the year.

Calculation Of Net Income For Tax Purposes

23. With respect to the calculation of Net Income For Tax Purposes, which of the following statements is not correct?
- A. Subdivision e deductions are subtracted from the total of all positive sources of income.
 - B. Allowable capital losses for the year can only be deducted to the extent of taxable capital gains for the year.
 - C. Business losses can be netted against employment income in determining the positive amounts to be included under ITA 3(a) and 3(b).
 - D. Property losses can only be deducted after the subtraction of Subdivision e deductions.

24. Minjie Liu has the following sources of income and deductions:

Employment income	\$35,000
Interest income	5,000
Taxable dividend income	7,000
Taxable capital gain	5,000
Allowable capital loss	12,000
Subdivision e deductions	2,000

What is Minjie's Net Income for Tax Purposes?

- A. \$47,000
- B. \$40,000
- C. \$45,000
- D. \$49,000

25. Tanya Turek has the following sources of income and deductions:

Gross employment income	\$35,000
Net employment income	34,000
Business loss	14,000
Taxable capital gain	4,000
Allowable capital loss	2,000

What is Tanya's Net Income for Tax Purposes?

- A. \$23,000
- B. \$22,000
- C. \$36,000
- D. \$24,000

26. Fadel Ghanem has the following sources of income and deductions:

Net employment income	34,000
Property income	6,000
Business loss	54,000
Taxable capital gain	4,000
Allowable capital loss	7,000

What is Fadel's Net Income or Loss for Tax Purposes?

- A. \$40,000 Income
- B. Nil
- C. \$44,000 Income
- D. \$12,000 Loss

27. ITA 3(b) requires the taxpayer to "determine the amount, if any, by which taxable capital gains exceed allowable capital losses". The rule that is established by this phrase is:

- A. That allowable capital losses in excess of taxable capital gains during a year are never deductible from income.
- B. That the current year allowable capital losses can only be deducted to the extent that there are taxable capital gains during the current year.
- C. That taxable capital gains are only included in income in a year when there are also allowable capital losses that can be used to reduce the effect on income.
- D. That unused allowable capital losses are deductible against any type of income in one of the past 3 years or in a future year.

Net Income to Taxable Income

28. Which of the following amounts is not deducted in converting Net Income for Tax Purposes to Taxable Income?

- A. Losses of other years.
- B. The lifetime capital gains deduction.
- C. An amount related to the exercise or sale of stock options.
- D. The excess of allowable capital losses over taxable capital gains for the year.

Tax Planning

29. Providing employees with private health care benefits involves what type of tax planning?

- A. Tax evasion.
- B. Tax deferral.
- C. Income splitting.
- D. Tax avoidance.

30. Making contributions to an RRSP always involves what type of tax planning?

- A. Tax avoidance and tax deferral.
- B. Tax deferral.
- C. Tax avoidance.
- D. Income splitting.

TIF PROBLEM ONE - 4

Introduction - Exam Exercises

Exam Exercise Concordance For Chapter 1

2012 Number	Subject	2011 Number
1	Taxable Entities (Income Taxes)	1
2	Taxable Entities (GST/HST)	2
3	Federal And Provincial Tax Payable	3
4	Federal And Provincial Tax Payable	New
5	Regressive Taxes	4
6	Regressive Taxes	New
7	Non-Resident Liability For Tax	5
8	Non-Resident Liability For Tax	New
9	Net Income For Tax Purposes	6
10	Net Income For Tax Purposes	New
11	Tax Planning	7
12	Tax Planning	New
13	Tax Planning	8
14	Tax Planning	New
15	Tax Planning	9
16	Tax Planning	New

Exam Exercise One - 1 (Taxable Entities For Income Tax Purposes)

Which of the following entities could be required to file an income tax return?

- Sally Forbes (an individual)
- Forbes Boutique (an unincorporated business)
- Forbes and Delaney (a partnership)
- The Forbes family trust (a trust)
- Forbes Enterprises Ltd. (a corporation)
- The Forbes Foundation (an unincorporated charity)

Exam Exercise One - 2 (Taxable Entities For GST Purposes)

Which of the following entities could be required to file a GST return?

- Sally Forbes (an individual)
- Forbes Boutique (an unincorporated business)
- Forbes and Delaney (a partnership)
- The Forbes family trust (a trust)
- Forbes Enterprises Ltd. (a corporation)
- The Forbes Foundation (an unincorporated charity)

Exam Exercise One - 3 (Federal And Provincial Taxes Payable)

Joan Smith has Taxable Income of \$37,500. For the current year her federal tax rate is 15 percent, while the corresponding provincial rate is 8.2 percent. Determine Ms. Smith's combined federal and provincial tax payable, before consideration of any available credits against Tax Payable.

Exam Exercise One - 4 (Federal And Provincial Taxes Payable)

Karla Ho has Taxable Income of \$26,700. For the current year her federal tax rate is 15 percent and the corresponding provincial rate is 10 percent. Determine Ms. Ho's combined federal and provincial Tax Payable, before consideration of any available credits against Tax Payable.

Exam Exercise One - 5 (Regressive Taxes)

Samantha Taylor has Taxable Income for the current year of \$625,000, of which \$216,000 is spent on goods and services that are subject to Harmonized Sales Tax (HST) at a rate of 13 percent. Her sister, Martha Taylor, is a part-time student living in the same province and has Taxable Income of \$12,000. During the current year, as a result of using some of her savings, she spends \$21,400 on goods and services that are all subject to HST.

Determine the effective HST rate as a percentage of the income of the two sisters.

Exam Exercise One - 6 (Regressive Taxes)

Veronica Simms has Taxable Income for the current year of \$843,000. Because of her modest life style, only \$162,000 of this amount is spent on goods and services that are subject to the Harmonized Sales Tax (HST) at a rate of 13 percent. Her sister is currently attending university on a full time basis and lives in the same city. Her Taxable Income for the current year is \$8,000. Because she is able to use savings accumulated during several years of employment, she spends \$36,000 on goods and services that are subject to HST at 13 percent.

Determine the effective HST rate as a percentage of the income of the two sisters.

Exam Exercise One - 7 (Non-Resident Liability For Tax)

Ms. Michelle Walker, a U.S. citizen, has Canadian employment income of \$42,000 and U.S. employment income of \$40,000 Canadian. She lives in Seattle, Washington and is a resident of the United States for the entire year. Ms. Walker does not believe that she is subject to taxation in Canada.

Is she correct? Explain your conclusion.

Exam Exercise One - 8 (Non-Resident Liability For Tax)

Daniel Bourne is a U.S. citizen who lives in Fargo, North Dakota. For many years, he has had a cottage on Manitoba's Lake Winnipeg. In recent years, however, he has made little use of this property and, given this, he has sold the property. While there was a gain of \$50,000 on the sale, Daniel assumes that he will not pay Canadian taxes on this amount as he is a U.S. citizen.

Is he correct? Explain your conclusion.

Exam Exercise One - 9 (Net Income For Tax Purposes)

Ms. Sonia Nexus is a computer specialist with net employment income of \$66,000. During the current year she has:

- a taxable capital gain on the sale of land of \$13,500,
- an allowable capital loss on the sale of shares of \$24,000,
- interest income of \$10,250,
- net rental losses of \$6,750, and
- a loss from her unincorporated business of \$28,000.

In addition, she makes spousal support payments of \$14,000 and makes a deductible contribution to her RRSP of \$3,000 (these are Subdivision e deductions). Determine her minimum Net Income For Tax Purposes for the current year and indicate the amount and type of any loss carry overs that are available at the end of the year. Show all of your calculations.

Exam Exercise One - 10 (Net Income For Tax Purposes)

Harvey Nicastro has current year employment income of \$45,000. In addition, he has the following additional sources of income, gains, and losses:

- A loss from an unincorporated business of \$23,000.
- Interest income of \$4,500.
- A taxable capital gain of \$13,500.
- An allowable capital loss of \$18,200.
- Spousal support paid of \$24,000.
- A net rental loss of \$14,500.

Determine Harvey's minimum Net Income For Tax Purposes for the current year and indicate the amount and type of any loss carry overs that are available at the end of the year. Show all of your calculations.

Exam Exercise One - 11 (Tax Planning)

Mr. Jack Bronson makes a \$5,000 contribution to his Registered Retirement Savings Plan. What type of tax planning is involved in this transaction? Explain your conclusion.

Exam Exercise One - 12 (Tax Planning)

Ms. Sarah Bloom convinces her employer to provide her with a private drug plan in lieu of additional salary. What type of tax planning is involved in this transaction? Explain your conclusion.

Exam Exercise One - 13 (Tax Planning)

Mr. John Lenonovitz is an unemployed poet. As Mr. Lenonovitz has no known sources of income, his wife Natasha, a successful painter, has decided to make contributions to an RRSP in his name, rather than making contributions to her own plan. What type of tax planning is involved in this decision? Explain your conclusion.

Exam Exercise One - 14 (Tax Planning)

Ms. Tricia Jones makes contributions to a Registered Pension Plan sponsored by her employer. What type of tax planning is involved in this transaction? Explain your conclusion.

Exam Exercise One - 15 (Tax Planning)

Mrs. Janice Theil gives \$50,000 in Canada Savings Bonds to her 27 year old, unemployed daughter. What type of tax planning is involved in this transaction? Explain your conclusion.

Exam Exercise One - 16 (Tax Planning)

Mr. Norman Rock transfers some dividend paying shares to his 25 year son who is attending university on a full time basis. What type of tax planning is involved in this transaction? Explain your conclusion.

TIF PROBLEM ONE - 5

Introduction - Key Term Matching

The following eight key terms are listed at the end of Chapter 1, "Introduction To Federal Taxation In Canada":

- A. Fiscal Period
- B. Flat Tax System
- C. Income Tax Regulations
- D. Income Tax Technical News
- E. Person
- F. Regressive Tax System
- G. Tax Expenditure
- H. Value Added Tax

The following list contains ten potential definitions for the preceding key terms.

1. A taxation year that does not exceed 53 weeks.
2. A tax system that applies higher effective rates for individuals with lower incomes and lower effective rates for individuals with higher incomes.
3. An irregularly published newsletter prepared by the Income Tax Rulings Directorate.
4. A group of over 500 individual publications which provides the CRA's interpretation of the various laws that they administer.
5. A term used in the *Income Tax Act* to refer to taxable entities.
6. Foregone tax revenues due to special exemptions, rate reductions, rebates, and credits that reduce the amount of tax that would otherwise be payable.
7. A tax based on the value added to a product at each stage of production or distribution by a particular entity.
8. A tax on Income that is applied at the same rate to all taxpayers, without regard to the level of their income.
9. A set of rules concerning administration and enforcement of the *Income Tax Act*.
10.
A tax system that applies higher effective rates for individuals with higher incomes and lower effective rates for individuals with lower incomes.
11. None of the above definitions apply. (This answer can be used more than once.)

Required: For each of the eight key terms listed, indicate the number of the item that provides the best definition of that term, or that none of the definitions apply. Indicate only one number for each key term. No marks will be awarded if you indicate more than one number for any key term.

TIF PROBLEM ONE - 6

Application Of Qualitative Characteristics

The city of Elysium is located on an island in the Nirvana River. Because of its very desirable climate, it has attracted wealthy immigrants from all over the world. These immigrants have either built palatial new homes on the river waterfront, or moved into luxurious residences, largely in high-rise buildings in the city's core.

In general, real estate values on the island are among the highest in the world. In order to protect their extremely orderly environment, the residents have prevented the development of any reasonably priced housing. To help maintain this environment the city has a large, well trained security force.

The economic activity on the island consists of financial services, haute cuisine restaurants, and retail shops which feature high-end products from all over the world. Because of the high real estate cost, staff for these operations must live off island and commute on a daily basis.

To accommodate residents of the island, the city operates a large heliport. This allows the residents of the island to quickly access a nearby airport where most maintain at least one private jet.

Until recently, the only other access to the island was via a city operated ferry. This service was provided free of charge by the city. While it was rarely used by the residents of Elysium, the staff of the various businesses on the island relied on it for access to their jobs.

Last year, the city completed a four lane bridge to access the island. In order to finance the tremendous cost of this project, there is a \$10 toll for each trip across the bridge. To ensure that the bridge produces adequate revenues, the city has canceled the ferry service.

Required: Evaluate the \$10 toll on the basis of the qualitative characteristics of tax systems that are listed in your text.

TIF PROBLEM ONE - 7

Net Income For Tax Purposes

The following two Cases make different assumptions with respect to the amounts of income and deductions of Ms. Leslie Burke for the current taxation year:

Case A Ms. Burke had employment income of \$17,000 and net rental income of \$8,500. Her unincorporated business lost \$12,300 during this period. As the result of dispositions of capital property, she had taxable capital gains of \$17,400 and allowable capital losses of \$19,200. Her Subdivision e deductions for the year totalled \$6,300. Fortunately for Ms. Burke, she won \$1,000,000 in a lottery on March 3.

Case B Ms. Burke had employment income of \$42,100, interest income of \$8,200, and a loss from her unincorporated business of \$51,000. As the result of dispositions of capital property, she had taxable capital gains of \$22,400 and allowable capital losses of \$19,200. Her Subdivision e deductions for the year amounted to \$4,200.

Required: For both Cases, calculate Ms. Burke's Net Income For Tax Purposes (Division B income). Indicate the amount and type of any loss carry overs that would be available at the end of the current year.

TIF PROBLEM ONE - 8

Net Income - Two Cases

The following two Cases make different assumptions with respect to the amounts of income and deductions of Mr. Morris Dorne for the current taxation year:

Case A Mr. Dorne had employment income of \$50,000 and interest income of \$12,000. His unincorporated business lost \$23,000 during this period. As the result of dispositions of capital property, he had taxable capital gains of \$95,000 and allowable capital losses of \$73,000. His Subdivision e deductions for the year totalled \$8,000. He also experienced a loss of \$5,000 on a rental property that he has owned for several years.

Case B Mr. Dorne had employment income of \$45,000, net rental income of \$23,000, and a loss from his unincorporated business of \$51,000. As the result of dispositions of capital property, he had taxable capital gains of \$25,000 and allowable capital losses of \$46,000. His Subdivision e deductions for the year amounted to \$10,500. Fortunately for Mr. Dorne, he won \$560,000 in a lottery on February 24.

Required: For both Cases, calculate Mr. Dorne's Net Income For Tax Purposes (Division B income). Indicate the amount and type of any loss carry overs that would be available at the end of the current year.

TIF PROBLEM ONE - 9

Net Income - Four Cases

The following four Cases make different assumptions with respect to the amounts of income and deductions of Jonathan Oakley for the current year:

	Case A	Case B	Case C	Case D
Employment Income	\$83,000	\$92,000	\$46,000	\$57,000
Income (Loss) From Business	(22,000)	(22,000)	21,000	16,000
Rental Income (Loss)	12,000	16,000	(42,000)	(92,000)
Taxable Capital Gains	81,000	18,000	22,000	31,000
Allowable Capital Losses	(35,000)	(32,000)	(53,000)	(35,000)
Subdivision e Deductions	(15,000)	(12,000)	(16,000)	(17,000)

Required For each Case, calculate Mr. Oakley's Net Income For Tax Purposes (Division B income). Indicate the amount and type of any loss carry overs that would be available at the end of the current year.

Chapter One Test Item File Solutions

TIF Solution One - 1

1. The other sources of federal revenues that are shown in Figure 1-1 of the text are:
 - Corporate income taxes.
 - Non-resident income taxes.
 - GST.
 - Customs and import duties.
 - Other excise taxes.
 - EI premiums.
2. In the *Income Tax Act*, the term “person” can refer to an individual, a corporation, or a trust.
3. Provincial income taxes on individuals are calculated by applying a provincial rate schedule to the same Taxable Income figure that is used to calculate the federal income tax for individuals. Provincial credits are then applied to the resulting figure. The provincial brackets may differ from the federal brackets. In addition, provincial credits may be different than the federal credits.
4. There are many examples that could be used here. The text divides them into resource allocation (e.g., public health care), distribution effects (e.g., federal GST credit), stabilization effects (e.g., deficit reduction), and fiscal federalism (e.g., allocations to various levels of government).
5. Examples provided in the text are as follows:
 - Tax revenues are used to provide public goods and services.
 - Excise taxes are used to discourage the consumption of alcohol and tobacco products.

There are, of course, many other examples that could be cited.
6. The child benefit system is designed to assist families with children. It would appear that the government is encouraging people to have children. The fact that the benefits are reduced as income increases suggests that it is also designed to assist lower income families care for these children.
7. There are a number of possibilities here. They include:
 - Progressive rates increase the complexity of the system.
 - Progressive rates are unfair to individuals with highly variable income streams.
 - Progressive rates are unfair to single income family units.
 - Progressive rates lead to pressure for various types of tax concessions.
 - Progressive rates discourage high income individuals from making additional efforts.
 - Progressive rates encourage tax evasion.
8. While the sales tax rate is the same for all individuals without regard to their income level, lower income individuals normally spend a higher percentage of their total income. Since the sales tax is levied on the amounts spent, this means that the sales tax paid by lower income individuals represents a larger percentage of their income. As a consequence, they are generally considered to be regressive in nature.
9. Horizontal equity is achieved when taxpayers in similar economic circumstances are subject to similar levels of taxation. Vertical equity is achieved when taxpayers in different economic circumstances are subject to taxes in a different manner.

10. The reasons that are listed in the text are as follows:

- It is less costly to administer tax expenditures than it is to administer government funding programs.
- More decisions are left to the private sector so that funds may be allocated more efficiently.
- Tax expenditures reduce the visibility of certain government actions. This is particularly beneficial if some social stigma is attached to the programs. For example, a child tax benefit system is more acceptable than increasing social assistance payments.
- Tax expenditures reduce the progressivity of the tax system. As many of the tax expenditures, such as tax shelters, are more available to higher income taxpayers, they serve to reduce effective tax rates in the higher rate brackets.

11. This situation reflects the fact that when a new Section is added, it has been more convenient to attach a decimal designation to the new Section, as opposed to renumbering all of the Sections that follow the new Section. As an example, over several years, the Department of Finance has added five new Sections after Section 12. They have been numbered Section 12.1 through Section 12.5. If they had used whole numbers for these new Sections, it would have been necessary to renumber all of the remaining Sections in the *Act*.

12. The purposes of these treaties are as follows:

- They attempt to avoid double taxation of taxpayers who may have reason to pay taxes in more than one jurisdiction.
- They try to prevent international evasion of taxes.

13. The required four items can be selected from the following:

- CRA Web Site
- Interpretation Bulletins
- Information Circulars
- Income Tax Technical News
- CRA News Releases, Tax Tips, and Fact Sheets
- CRA Guides
- CRA Pamphlets
- Advance Income Tax Rulings
- Technical Interpretations

14. For individuals and inter vivos trusts, the taxation year is equal to the calendar year. In contrast, corporations and testamentary trusts can use a fiscal period. A fiscal period can end on any date, with the only constraint being that it cannot exceed 53 weeks for a corporation.

15. The circumstances that would result in a non-resident person having to pay income taxes in Canada are as follows:

- The non-resident person earns employment income in Canada.
- The non-resident person carried on a business in Canada.
- The non-resident person has a gain on the disposal of a taxable Canadian property.

16. The components of Net Income For Tax Purposes are employment income, business and property income, net taxable capital gains, other sources of income, and other deductions from income.

17. The phrase “the amount, if any” is used throughout the *Income Tax Act* to indicate that only positive amounts should be considered. In the context of ITA 3(b), the requirement that negative amounts be ignored, in effect, prevents the deduction of allowable capital losses in excess of taxable capital gains in the determination of Net Income For Tax Purposes.
18. Tax avoidance is a form of tax planning in which the taxpayer, through means that are within the boundaries of tax legislation, arranges his affairs in a manner that allows him to receive benefits without the payment of taxes. Tax planning to achieve tax deferral involves either the delayed recognition of income, or the accelerated recognition of deductions. The payment of tax is delayed, as opposed to permanently avoided.
19. Income splitting involves efforts to share the total income accruing to an individual with family members or other related parties. It will only benefit a taxpayer who is in a high tax bracket in those circumstances where there are family members or other related parties who are in lower tax brackets.
20. The basic type of tax planning that is involved in Registered Retirement Savings Plans is tax deferral — a tax savings results from making contributions that will have to be paid back at a later point in time. There may also be an element of avoidance in that, after retirement, an individual may be in a lower tax bracket than he was during his working years. If this is the case, there will be an absolute reduction in taxes. (This assumes that the basic rate structure is unchanged.)

TIF Solution One - 2

1. True.
A value added tax is a tax levied on the increase in value of a commodity or service that has been created by the taxpayer's stage of the production or distribution cycle.
2. False.
Only individuals, corporations, and trusts are taxable entities for income tax purposes.
3. True.
Partnerships engaged in commercial activity are taxable entities for GST purposes.
4. False.
In general, provincial taxes are based on a specified percentage of federal taxable income.
5. False.
The federal government collects taxes for Ontario.
6. True.
Even if the rate is the same on all transactions, it will be a higher rate on the taxable income of lower income individuals because they spend a larger percentage of their income.
7. False.
Progressive rates discourage both employment and investment, thereby limiting economic growth.
8. True.
Tax expenditures are less costly to administer than direct funding programs.
9. True.
Part I of the *Income Tax Act* is the largest and the most important part.
10. False.
The citation ITA 61(4)(b)(ii) would be read Section 61, Subsection 4, Paragraph b, Subparagraph ii.
11. True.
An income tax is payable for each taxation year on the Taxable Income of every person resident in Canada at any time in the year.
12. True.
While individuals and inter vivos trusts must use a calendar taxation year, other taxpayers can choose to use this period as their taxation year.

TIF Solution One - 3

1. C. Walters and Walters, a group of CMAs operating as a partnership.
2. D. All of the above could be required to file a GST return.
3. A. Personal income tax
4. D. Each province can establish rules for determining the Taxable Income of individuals.
5. C. Ensure fairness in the allocation of resources to different levels of government.
6. B. A progressive rate system provides greater stability in the context of changing economic conditions.
7. B. A regressive tax is one which results in lower effective tax rates for higher income taxpayers.
8. A. It is more costly to administer tax expenditures as opposed to program spending.
9. B. Inelasticity.
10. C. Simplicity.
11. A. Neutrality.
12. D. Horizontal equity.
13. D. All Parts of the *Income Tax Act* contain at least one Section.
14. B. Interpretation Bulletins.
15. C. Dominion Tax Cases.
16. C. Unreported revenues from business transactions.
17. B. The Income Tax Regulations.

18. D. When there is a conflict between the Canadian *Income Tax Act* and an international agreement, the terms of the Canadian *Income Tax Act* prevail.
19. A. Are resident in Canada.
20. D. Bunly Im, a resident of the United States who earns interest income in Canada.
21. C. Rental income earned in Canada
22. B. Net income is determined by adding together several different types of income which are added together based on an ordering rule.
23. C. Business losses can be netted against employment income in determining the positive amounts to be included under ITA 3(a) and 3(b).
24. C. \$45,000
25. B. \$ 22,000 ($\$34,000 + \$4,000 - \$2,000 - \$14,000$)
26. B. \$ nil with a business loss that can be used in either the previous 3 years or in the next 20 future years of \$12,000 ($34,000 + 6,000 + 4,000 - 2,000 - 54,000$)
27. B. That the current year allowable capital losses can only be deducted to the extent that there are taxable capital gains during the current year.
28. D. The excess of allowable capital losses over taxable capital gains for the year.
29. D. Tax avoidance.
30. B. Tax deferral.

TIF Solution One - 4

Exam Exercise One - 1 Solution

Sally Forbes, the Forbes family trust, and Forbes Enterprises Ltd. could be required to file income tax returns. Forbes Boutique, Forbes and Delaney, and The Forbes Foundation are not taxable entities for income tax purposes.

Exam Exercise One - 2 Solution

Under the GST legislation, all of the listed entities could be required to file a GST return. Where only individuals, corporations and trusts can be required to file an income tax return, the definition of a person (i.e., taxable entity) is much broader for GST purposes. As is explained in detail in Chapter 21, whether an entity is required to file a GST return is dependent on the level of commercial activity.

Exam Exercise One - 3 Solution

Federal Tax Payable [(15%)(37,500)]	\$5,625
Provincial Tax Payable [(8.2%)(37,500)]	3,075
Total Tax Payable [(15% + 8.2%)(37,500)]	\$8,700

Exam Exercise One - 4 Solution

Federal Tax Payable [(15%)(26,700)]	\$4,005
Provincial Tax Payable [(10%)(26,700)]	2,670
Total Tax Payable [(15% + 10%)(26,700)]	\$6,675

Exam Exercise One - 5 Solution

Samantha's HST paid totals \$28,080 [(13%)(216,000)]. Based on her Taxable Income of \$625,000, this would represent an effective rate of 4.5 percent ($\$28,080 \div \$625,000$).

Martha's HST paid totals \$2,782 [(13%)(21,400)]. On her Taxable Income of \$12,000, this would be an effective rate of 23.2 percent ($\$2,782 \div \$12,000$).

Exam Exercise One - 6 Solution

Veronica's HST paid totals \$21,060 [(13%)(162,000)]. Based on her Taxable Income of \$843,000, this would represent an effective rate of 2.5 percent ($\$21,060 \div \$843,000$).

Her sister's HST paid totals \$4,680 [(13%)(36,000)]. On her Taxable Income of \$8,000, this would be an effective rate of 58.5 percent ($\$4,680 \div \$8,000$).

Exam Exercise Solution One - 7

She is not correct. Under ITA 2(3) she would be subject to Canadian taxes on employment income earned in Canada, but not on her U.S. employment income.

Exam Exercise One - 8 Solution

He is not correct. Under ITA 2(3) he would be subject to Canadian taxes on the gain resulting from a disposition of Taxable Canadian Property.

Exam Exercise Solution One - 9

Ms. Nexus' Net Income For Tax Purposes would be calculated as follows:

Income Under ITA 3(a):		
Net Employment Income	\$66,000	
Interest Income	<u>10,250</u>	\$76,250
Income Under ITA 3(b):		
Taxable Capital Gains	\$13,500	
Allowable Capital Loss	(24,000)	Nil
Balance From ITA 3(a) And (b)		\$76,250
ITA 3(c) Deductions:		
Spousal Support		(14,000)
RRSP Contributions		(3,000)
Balance From ITA 3(c)		\$59,250
Deductions Under ITA 3(d):		
Net Rental Losses		(6,750)
Business Loss		(28,000)
Net Income For Tax Purposes		<u>\$24,500</u>

She has an unused allowable capital loss carry over of \$10,500 (\$24,000 - \$13,500).

Exam Exercise One - 10 Solution

Mr. Nicastro's Net Income For Tax Purposes would be calculated as follows:

Income Under ITA 3(a):		
Net Employment Income	\$45,000	
Interest Income	<u>4,500</u>	\$49,500
Income Under ITA 3(b):		
Taxable Capital Gains	\$13,500	
Allowable Capital Loss	(18,200)	Nil
Balance From ITA 3(a) And (b)		\$49,500
ITA 3(c) Deductions:		
Spousal Support		(24,000)
Balance From ITA 3(c)		\$25,500
Deductions Under ITA 3(d):		
Business Loss		(23,000)
Net Rental Losses		(14,500)
Net Income For Tax Purposes		<u>Nil</u>

At the end of this year, Mr. Nicastro would have an unused allowable capital loss carry over of \$4,700 (\$13,500 - \$18,200). In addition, he would have a non-capital loss carry over of \$12,000 (\$25,500 - \$23,000 - \$14,500).

Exam Exercise Solution One - 11

This transaction clearly involves tax deferral, in that the contribution will be deductible and the earnings on the contribution will accumulate on a tax free basis. However, all of these amounts will be taxable when they are withdrawn from the plan. There may also be tax avoidance. This will happen if Mr. Bronson is taxed at a lower rate when the funds become taxable.

Exam Exercise One - 12 Solution

This transaction involves tax avoidance. Ms. Bloom can receive this benefit from her employer without being assessed a taxable benefit.

Exam Exercise Solution One - 13

Natasha is involved in income splitting, tax deferral, and possibly tax avoidance. She is getting the deduction from Taxable Income now and her spouse will be taxed on the income in the future. The tax deferral occurs as the contribution is currently deductible and the earnings on the contribution will accumulate on a tax free basis. However, all of these amounts will be taxable when they are withdrawn from the plan. Tax avoidance will occur if John is taxed at a lower rate than is currently applicable to Natasha when the funds become taxable to him.

Exam Exercise One - 14 Solution

Contributions to a registered pension are deductible in the year in which they are made. They are not taxed until retirement benefits are received under the terms of the plan. This involves tax deferral and, if Ms. Jones is taxed at a lower rate after she retires, tax avoidance has also been accomplished.

Exam Exercise Solution One - 15

This transaction involves income splitting. It would appear that her daughter is in a lower tax bracket than Mrs. Theil. This means that the income on the Canada Savings Bonds will be taxed at a lower rate than would be the case if the bonds remained in Mrs. Theil's hands.

Exam Exercise One - 16 Solution

This transaction involves income splitting. As Norman's son is over 18 years of age, the dividends will be taxed in his name and not attributed back to his father. Provided he is in a lower tax bracket than Norman, this will reduce the family's overall tax burden.

TIF Solution One - 5

The correct definitions for each of the listed key terms are as follows:

A. 1

B. 8

C. 9

D. 3

E. 5

F. 2

G. 6

H. 7

The two unused definitions are as follows:

Interpretation Bulletins = 4

Progressive Tax System = 10

TIF Solution One - 6

While there is not one “correct” solution to this problem, the following solution contains comments on each of the listed qualitative characteristics.

Equity Or Fairness The toll is clearly regressive in nature in that it is assessed almost exclusively on lower income individuals. In general, regressive taxes are viewed as being less fair. While the toll has horizontal equity (individuals with the same Taxable Income would pay the same amounts), it lacks vertical equity (the higher income residents of the island would not normally be subject to the tolls).

Neutrality The concept of neutrality calls for a tax system that interferes as little as possible with decision making. The toll may influence employment decisions. If the non-residents have off-island employment opportunities, they may choose not to work on the island.

Adequacy While we do not have any information on this, it would be safe to assume that the toll was established at a level that would be adequate for the funding requirements related to the bridge.

Elasticity Tax revenues should be capable of being adjusted to meet changes in economic conditions, without necessitating tax rate changes. It is not clear from the problem whether economic conditions would influence the number of individuals who work on the island and pay the toll.

Flexibility This refers to the ease with which the tax system can be adjusted to meet changing economic or social conditions. The tolls can be easily adjusted and, thereby get high marks for this characteristic.

Simplicity And Ease Of Compliance A good tax system is easy to comply with and does not present significant administrative problems for the people enforcing the system. The toll would receive high marks in this regard.

Certainty Individual taxpayers should know how much tax they have to pay, the basis for payments, and the due date. There is no uncertainty associated with a clearly posted toll rate.

Balance Between Sectors A good tax system should not be overly reliant on either corporate or individual taxation. The toll is, of course, totally reliant on the taxation of individuals.

International Competitiveness If a country’s tax system has rates that are out of line with those in comparable countries, the result will be an outflow of both business and skilled individuals to those countries that have more favourable tax rates. Although international competitiveness would not appear to be an issue with the toll, it would affect the ability of the city to maintain and attract workers.

TIF Solution One - 7

Case A

The Case A solution would be calculated as follows:

Income Under ITA 3(a):		
Employment Income	\$17,000	
Net Rental Income	<u>8,500</u>	\$25,500
Income Under ITA 3(b):		
Taxable Capital Gains	\$17,400	
Allowable Capital Losses	<u>(19,200)</u>	Nil
Balance From ITA 3(a) And (b)		\$25,500
Subdivision e Deductions		<u>(6,300)</u>
Balance From ITA 3(c)		\$19,200
Deduction Under ITA 3(d):		
Business Loss		<u>(12,300)</u>
Net Income For Tax Purposes (Division B Income)		<u>\$ 6,900</u>

In this Case, Ms. Burke has an unused allowable capital loss carryover of \$1,800 (\$17,400 - \$19,200). The lottery winnings are not subject to tax.

Case B

The Case B solution would be calculated as follows:

Income Under ITA 3(a):		
Employment Income	\$42,100	
Interest Income	<u>8,200</u>	\$50,300
Income Under ITA 3(b):		
Taxable Capital Gains	\$22,400	
Allowable Capital Losses	<u>(19,200)</u>	3,200
Balance From ITA 3(a) And (b)		\$53,500
Subdivision e Deductions		<u>(4,200)</u>
Balance From ITA 3(c)		\$49,300
Deduction Under ITA 3(d):		
Unincorporated Business Loss		<u>(51,000)</u>
Net Income For Tax Purposes (Division B Income)		<u>Nil</u>

In this Case, Ms. Burke's Net Income For Tax Purposes (Division B income) is nil. There would be an unused business loss carry over of \$1,700 (\$49,300 - \$51,000).

TIF Solution One - 8

Case A

The Case A solution would be calculated as follows:

Income Under ITA 3(a):		
Employment Income	\$50,000	
Interest Income	<u>12,000</u>	\$62,000
Income Under ITA 3(b):		
Taxable Capital Gains	\$95,000	
Allowable Capital Losses	<u>(73,000)</u>	22,000
Balance From ITA 3(a) And (b)		\$84,000
Subdivision e Deductions		<u>(8,000)</u>
Balance From ITA 3(c)		\$76,000
Deductions Under ITA 3(d):		
Business Loss		(23,000)
Net Rental Loss		<u>(5,000)</u>
Net Income For Tax Purposes (Division B Income)		<u>\$48,000</u>

In this Case, Mr. Dorne has no carry overs available.

Case B

The Case B solution would be calculated as follows:

Income Under ITA 3(a):		
Employment Income	\$45,000	
Net Rental Income	<u>23,000</u>	\$68,000
Income Under ITA 3(b):		
Taxable Capital Gains	\$25,000	
Allowable Capital Losses	<u>(46,000)</u>	Nil
Balance From ITA 3(a) And (b)		\$68,000
Subdivision e Deductions		<u>(10,500)</u>
Balance From ITA 3(c)		\$57,500
Deduction Under ITA 3(d):		
Business Loss		(51,000)
Net Income For Tax Purposes (Division B Income)		<u>\$ 6,500</u>

In this Case, Mr. Dorne has a carry over of unused allowable capital losses in the amount of \$21,000 (\$46,000 - \$25,000). The lottery prize is not considered to be income for tax purposes.

TIF Solution One - 9

Case A

The Case A solution would be calculated as follows:

Income Under ITA 3(a):		
Employment Income	\$83,000	
Rental Income	<u>12,000</u>	\$ 95,000
Income Under ITA 3(b):		
Taxable Capital Gains	\$81,000	
Allowable Capital Losses	<u>(35,000)</u>	46,000
Balance From ITA 3(a) And (b)		\$141,000
Subdivision e Deductions		<u>(15,000)</u>
Balance From ITA 3(c)		\$126,000
Deduction Under ITA 3(d):		
Business Loss		<u>(22,000)</u>
Net Income For Tax Purposes (Division B Income)		<u>\$104,000</u>

In this Case, Mr. Oakley has no loss carry overs at the end of the year.

Case B

The Case B solution would be calculated as follows:

Income Under ITA 3(a):		
Employment Income	\$92,000	
Rental Income	<u>16,000</u>	\$108,000
Income Under ITA 3(b):		
Taxable Capital Gains	\$18,000	
Allowable Capital Losses	<u>(32,000)</u>	Nil
Balance From ITA 3(a) And (b)		\$108,000
Subdivision e Deductions		<u>(12,000)</u>
Balance From ITA 3(c)		\$ 96,000
Deduction Under ITA 3(d):		
Business Loss		<u>(22,000)</u>
Net Income For Tax Purposes (Division B Income)		<u>\$ 74,000</u>

In this Case, Mr. Oakley has a carry over of \$14,000 (\$32,000 - \$18,000) in unused allowable capital losses.

Case C

The Case C solution would be calculated as follows:

Income Under ITA 3(a):		
Employment Income	\$46,000	
Business Income	<u>21,000</u>	\$67,000
Income Under ITA 3(b):		
Taxable Capital Gains	\$22,000	
Allowable Capital Losses	(53,000)	Nil
Balance From ITA 3(a) and (b)		\$67,000
Subdivision e Deductions		(16,000)
Balance From ITA 3(c)		\$51,000
Deduction Under ITA 3(d):		
Rental Loss		(42,000)
Net Income For Tax Purposes (Division B Income)		<u>\$ 9,000</u>

In this Case, Mr. Oakley would have an allowable capital loss carry over in the amount of \$31,000 (\$53,000 - \$22,000).

Case D

The Case D solution would be calculated as follows:

Income Under ITA 3(a):		
Employment Income	\$57,000	
Business Income	<u>16,000</u>	\$73,000
Income Under ITA 3(b):		
Taxable Capital Gains	\$31,000	
Allowable Capital Losses	(35,000)	Nil
Balance From ITA 3(a) And (b)		\$73,000
Subdivision e Deductions		(17,000)
Balance From ITA 3(c)		\$56,000
Deduction Under ITA 3(d):		
Rental Loss		(92,000)
Net Income For Tax Purposes (Division B Income)		<u>Nil</u>

Mr. Oakley would have a carry over of unused business losses in the amount of \$36,000 (\$92,000 - \$56,000) and of unused allowable capital losses in the amount of \$4,000 (\$35,000 - \$31,000).