

STUDY GUIDE

**For The Winnipeg Police Service's Written Test
For Police and Cadet Applicants**



Last updated March 2019



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1. Introduction to the Written Test

Why does the Winnipeg Police Service use a written test to screen applicants?

The written test is intended to measure how effectively applicants communicate, apply logic, and handle the pressure of a stressful environment. Applicants who proceed to the interview stage have an opportunity to showcase these skills in greater depth.

The majority of the test questions gauge applicants' ability to comprehend and communicate in English. Clear and effective communication is crucial for police officers because:

- The need to be able to read, comprehend, and adhere to police procedures
- They must share information and coordinate with one another in high-pressure situations
- They interact with members of the community on a daily basis
- They write reports, tickets, and notes that are admissible in court
- They testify in court proceedings
- They submit intelligence reports for their colleagues in specialized units to use for investigations and special projects

The Service also uses the written test to evaluate applicants' logic and aptitude at basic mathematics. Problem-solving is fundamental to police work. The mathematics questions on the written test enable the Winnipeg Police Service to assess applicants' critical thinking and problem-solving skills.

How is the test structured?

The written test consists of 81 multiple-choice questions based on general grade 12 knowledge. Applicants have 80 minutes to write the test.

The test covers five areas:

1. Vocabulary - word meaning
2. Comprehension - understanding of what you read
3. Language Mechanics - writing skills such as grammar and punctuation
4. Language Expression - sentence structure
5. Mathematics Concepts and Applications - problem solving

Each section is timed separately. Budget your time for each section accordingly - you will not have the opportunity to go back to an earlier section at the end of the test to review or change your answers.

What is a passing mark for applicants?

The pass mark is 65%.



Applicants who pass the exam with a mark of 65% or better hold that mark for four years. Within those four years, you do not need to re-write the test if you re-apply with the Service. Cadets with a pass mark on file do not need to re-write the test if they are applying to become a Police Constable within four years of passing the test.

Why should you study for the written test?

- You have a set amount of time to complete each section of the test. If there is one area, such as mathematics, that you find especially challenging, you will not be able to reserve more time to work on that section.
- The Service looks for candidates who work hard and are dedicated. By studying for the written test, you are practicing the study habits you will use after you are hired and commence training.
- Applicants who study perform better on the written test.¹
- Think about the time you put into applying for employment with the Service: you obtain school transcripts, a driver's abstract, and other documents. You fine-tune your résumé. Why not put a similar amount of effort into the next stage of the recruitment process?

Note about this edition of the study guide:

This edition of the study guide was released in January 2019. This document may be revised based on applicant feedback or if changes are made to the written test. Please visit the Winnipeg Police Service's recruiting website for up-to-date information on how to prepare for the written application test:

<https://winnipeg.ca/police/policerecruiting/default.aspx>.

¹ The Service conducted a pilot project in which applicants who had attempted the written test before were given an early draft of this study guide, then re-took the test one month later. Applicants who said they studied for the test increased their marks, especially compared to applicants who admitted they had not used the study guide.



2. Overview of the Test and Tips for Studying

How can you prepare for the test?

It is possible to prepare for the written test. Here are some general strategies you can use to prepare for the test:

- Take the time to review basic math and the rules of English grammar
- Set aside time to do research online or at a library to find reference materials and relevant quizzes that can help you prepare
- Time yourself when you take practice quizzes so you get used to completing tests with time constraints
- Think about the five areas the test covers, and consider which one(s) might be most challenging for you, so you can spend extra time preparing for that subject
- Look online for resources to help you study - you can use search engines to find advice, exercises and other materials to help you prepare for each aspect of the test by inputting such phrases as:
 - Vocabulary list grade 12
 - How to improve English grammar
 - Basic geometry exercises
 - Best websites/apps to improve math
 - Examples of math word problems

I. Vocabulary

The first of the five sections of the test will evaluate your knowledge on the meaning of words.

Number of Questions: 18

Time Allotted: 10 minutes

There are three types of questions in this section:

- One section provides you with a word and asks for a synonym or a word of similar meaning.
- One section tests your ability to put the right word into a sentence which matches the intended meaning provided.
- The third section will give you two sentences with each missing a word and ask you to find a word that fits both sentences.

Tips to prepare for the Vocabulary section:

- Study high-school vocabulary. You can find examples of vocabulary lists online.
- Study homonyms and homographs. These are words which have the same spelling but different meanings. The third set of questions in the vocabulary section will test your ability to identify, from multiple choices, the word that can correctly be used in two different sentences.



Winnipeg Police Service - Study Guide for the Written Application Test

- Commit to learning a new word every day.
- If you encounter an unfamiliar word in conversation or when reading, look up its meaning.
- Use an app or website to play games that improve your vocabulary.

II. Comprehension

This section will provide you with various pieces of information to read and then ask you a series of questions to identify your understanding of what you have just read.

Number of Questions: 15

Time Allotted: 25 minutes

Tips to prepare for the Comprehension section:

- Read a variety of passages - both non-fiction and fiction - at a high school level:
 - Short stories and novels
 - Non-fiction books
 - Magazine articles on news, business, economics, science, nature, history, etc.
 - Official documents, policy and procedure documents
- After you read a piece of text for the first time, take a moment to see if you could summarize the main message of the writing in your own words. This will help you practice reading carefully enough to grasp the meaning of a piece of text, and using your vocabulary to paraphrase what you read.
- Look online and visit your local library for resources to improve your reading comprehension
- Since police officers need to be able to read and understand police procedures, practice reading some policies and procedures to get accustomed to reading plain-language prescriptive texts. For example, you could read a few City of Winnipeg By-laws, such as:
 - [The Winnipeg Police Service By-law \(783/74\)](#)
 - [The Graffiti Control By-law \(204/2007\)](#)
 - [The Winnipeg Police Service Regulation By-law \(7610/2000\)](#)

III. Language Mechanics

This section will provide you with information – whether that is a sentence, a paragraph, or a letter – and ask you choose the correct punctuation or capitalization required within sections of each.

Number of Questions: 15

Time Allotted: 10 minutes

You should know when to utilize various punctuation marks such as: quotation marks, exclamation marks, semi-colons, colons, commas, or periods. Whether it is a greeting, a salutation, a proper noun, or an abbreviated word, you must be able to identify the correct punctuation for the situation.



Tips to prepare for the Language Mechanics section:

- Study English grammar, especially:
 - Punctuation
 - Periods
 - Commas
 - Semi-colons
 - Quotation marks
 - Exclamation marks
 - Question marks
 - Capitalization
 - Sentence structure
- You can find grammar review guides online or at your local library
- Look online for English grammar exercises that cover punctuation, capitalization, and sentence structure

IV. Language Expression

This section is about skills used in writing. You should have a good understanding of pronouns and correct verb tenses and overall sentence structure. One part of this section will provide you with two thoughts and ask you to identify the sentence that best combines these two thoughts in a manner that still maintains the meaning of each.

Another component of this section will center on your ability to develop a topic sentence. You must be able to understand what that sentence is really focusing on and identify a follow-up sentence that expands on or develops that idea.

Number of Questions: 18

Time Allotted: 20 minutes

Tips to prepare for the Language Expression section:

- Study English grammar, especially:
 - Pluralization
 - Verb conjugation
 - I jump
 - I jumped
 - I will jump
 - I have jumped
 - I am jumping
 - I will have jumped



- Pronouns
 - I, me, my, mine, myself
 - You, your, yours, yourself, yourselves
 - We, us, our, ours, ourselves
 - They, them, their, theirs, themselves
 - He, him, his, himself
 - She, her, hers, herself
 - It, its, itself
- Prepositions – on, off, through, into, etc.
- You can find grammar review guides online or at your local library
- Look online for English grammar exercises that cover pluralization, verb conjugation, pronouns, and prepositions

V. Mathematics Concepts and Applications

This section tests your mathematical problem-solving skills using various math operations. You may be asked to analyze graphs, estimate, deal with square roots, deal with ratios or percentages, and formulate and solve equations.

Number of Questions: 15

Time Allotted: 15 minutes

During the written test, you will not be permitted to use a calculator. You will, however, be provided with scrap paper on which you can do manual calculations.

Tips to prepare for the Mathematics Concepts and Applications section:

- Practice core math skills, including:
 - Addition
 - Subtraction
 - Multiplication
 - Division
 - Square roots and exponents
 - Basic geometry
 - Percentages
 - Interpreting simple line graphs and bar charts
 - Word problems
 - Basic equations (solve for "n")
- Look online or visit your local library for study guides that cover the above math skills
- Use an app or website to play games that allow you to practice your math skills
- When doing word problems, read the questions carefully to fully understand the context for any formulas or charts you are asked to analyze



3. Practice Test

The following pages contain 81 questions that allow you to practice the same skills and knowledge you will need for the written test.

How not to use the practice test:

- Do not rely exclusively on the practice test to prepare you for the exam. Even if you answer more than 65% of the practice questions correctly, you should still review basic math and English grammar before attempting the written test.
- Do not rely on the practice questions to be a perfect simulation of the content and difficulty level of the actual written test.

How to use the practice test:

- Use the practice test to get a sense of how the real test will be structured, and the types of questions you will be answering.
- Pay attention to the sections where you get questions wrong, and emphasize those areas when you study.
- When you get a question wrong, find out why. Look online for grammar rules or math lessons that will help you arrive at the correct answer.



Practice Questions

I. Vocabulary

Choose the word that means the same, or about the same, as the underlined word.

1. Adverse conditions

- a. temperate
- b. obligatory
- c. unfavourable
- d. esteemed

2. Insubordinate attitude

- a. wise
- b. ugly
- c. enthusiastic
- d. disobedient

3. Remunerate staff

- a. pay
- b. count
- c. outsource
- d. analyse

4. Redundant steps

- a. aggressive
- b. dogged
- c. elaborate
- d. superfluous

Choose the word that means the opposite of the underlined word.

5. Biased attitude

- a. neutral
- b. inclined
- c. discriminatory
- d. flat

6. Reputable establishment

- a. professional
- b. shady
- c. unquestioning
- d. crumbling



7. Anomalous occurrence

- a. aberrational
- b. consistent
- c. inviolable
- d. unusual

8. Convoluted story

- a. serpentine
- b. utilitarian
- c. simple
- d. believable

Read the sentence with the missing word and the question relating to that word. Then choose the word that best answers the question.

9. When the police officers interviewed each of the suspects individually, _____ in their narratives emerged.

Which word indicates their narratives contained sharp differences?

- a. impurities
- b. reinforcements
- c. discrepancies
- d. contraventions

10. The man in custody insisted he borrowed the car from a friend, and _____ any knowledge that the car was stolen.

Which word indicates the man denied knowing the car was stolen?

- a. relinquished
- b. disavowed
- c. abdicated
- d. confided

11. The athlete _____ records his physical activity and calorie intake in his training log.

Which word indicates that the athlete keeps records in a consistent and dedicated manner?

- a. diligently
- b. intermittently
- c. intrinsically
- d. ideally

12. The cat's _____ movements suggested it was afraid of humans and possibly feral.



Which word indicates the cat was frantic?

- a. inchoate
- b. unassimilable
- c. frenetic
- d. somnolent

Read the sentences. Then choose the word that correctly completes both sentences.

13. This used car is in perfect condition, but the price is still too _____.
"Don't let the tea _____ for more than ten minutes," Bob commented.

- a. brew
- b. steep
- c. extreme
- d. excessive

14. She is the _____ champion of the bowling league, and has never been defeated. It is much easier to paddle a canoe downriver than upriver because of the _____.

- a. current
- b. tidal
- c. recent
- d. flow

15. He _____ the rope into a coil so it wouldn't get tangled. The first aid instructor emphasized that you should always clean the _____ in order to prevent infection.

- a. cut
- b. spliced
- c. hurl
- d. wound

16. The police officer issued a ticket to that motorist because she had an _____ licence. It frustrates me that the nurses treat me like an _____ and expect me to stay in bed all day.

- a. expired
- b. unburdened
- c. outpatient
- d. invalid



17. When the container ship arrives at the port in Vancouver, the captain has to produce the shipping _____ to show the authorities a list of what is being imported. During the interview with detectives, his defensive attitude began to _____ after the detectives shot down his alibi.

- a. inventory
- b. manifest
- c. document
- d. route

18. If the children keep fighting, we should _____ them. That store has been robbed on three _____ occasions in the last year.

- a. adjoining
- b. group
- c. separate
- d. contain

Practice Questions

II. Comprehension

Practice questions 19 and 20 come from Employment and Social Development Canada's reading indicator test for employees. You can find similar practice questions on ESDC's website

(<https://www.canada.ca/en/employment-social-development/programs/essential-skills/tools.html>).

Read the passage below and answer the question that follows.

Grout - Instructions for use

1. Prepare 1.8 kilograms of grout. When the spacing between tiles is 3.2 millimeters or more, use sanded grout. When the spacing is less than 3.2 millimeters, use unsanded grout.
2. Mix the grout with 500 milliliters of water in a large bucket.
3. Spread the grout and scrape off any excess grout. The grout will begin to harden after about 15 minutes.
4. After 20 minutes, clean the surface with a sponge.
5. After 40 minutes, wipe the surface with a paper towel.

19. How long must floor installers wait before cleaning the surface with a sponge?

- a. 15 minutes
- b. 20 minutes
- c. 35 minutes
- d. 40 minutes



Read the passage below and answer the question that follows.

Emergency Code Manual		
Emergency Code	Description	Immediate Action(s)
Code Pink	A child has been abducted.	Contact security to provide a description of the abducted child.
Code White	Hazardous materials have been spilled.	Cordon off the area. Contact maintenance to clean the spill.
Code Yellow	The hospital will be receiving a large number of patients at once.	Activate the disaster plan.
Code Grey	A patient or other individual is being combative.	Contact security. If possible, contain the individual in an isolated area.
Code Purple	An adult patient is missing.	Contact security to provide a description of the missing patient.
Code Red	There is a fire in the building.	Pull the fire alarm. Close all doors and windows.

20. A patient at the hospital is angry and has thrown a dangerous chemical product onto the floor. Which code or codes should the nurse transmit over the intercom?

- a. Code White
- b. Code Yellow
- c. Code White and Code Grey
- d. Code White and Code Grey and Code Yellow

Read the passage below and answer the question that follows.

The Finance Clerk received the invoice. He recorded the date, amount, and client in his spreadsheet. He scanned a copy of the invoice and saved it to the appropriate folder. He then emailed an electronic version of the invoice to his supervisor to approve payment.

21. Which task did the Finance Clerk do last?
- a. record information in his spreadsheet
 - b. save a scanned copy
 - c. forward the invoice to his supervisor
 - d. approve payment

Read the passage below and answer the questions that follow.

The first police signal system in Winnipeg was installed in 1913. The original system consisted of 158 call-boxes throughout the city along designated routes, or 'beats'. The officers were required to report in by phone and then register each hour to both ensure their safety and receive messages. In the event an officer was required between regular calls, the station operator could ring a bell inside the box by day or turn on a flashing red light mounted above the box or on nearby telephone poles by night.



In either case, the officer was only called for five minutes, and if he did not respond the patrol sergeant was notified to check on his welfare. He would ultimately have to report to the station sergeant for missing his call. A number of ticker-tape machines in the station recorded the calls by the position number in the box used by the officer, which was automatically followed by the box number. Each box had a different three-digit number, and the first digit even told the district.

22. How did a station operator contact a police officer on patrol during the day?
- Ringing a bell in a call box
 - Sending the patrol sergeant
 - A flashing red light on or near a call box
 - Using a ticker-tape machine
23. If the intersection of Jarvis and Andrews was located in District 5, which of the following could be the numerical code for the call-box at that location?
- 5022
 - 2675
 - 205
 - 522
24. What would happen if a patrol officer did not respond to a call within five minutes?
- He would be admonished by the station sergeant
 - He had to report to the station sergeant later in his shift
 - The patrol sergeant reported a state of emergency
 - A red light on the call box started flashing

This passage is an adaptation of an article by Gloria Dickie, published by Canadian Geographic in December 2017 (<https://www.canadiangeographic.ca/article/banffs-famed-wildlife-overpasses-turn-20-world-looks-canada-conservation-inspiration>); this link is provided to acknowledge the original published material, but sample test questions are based strictly on the summary of the article below).

Read the passage and answer the questions below based on the information provided in the passage.

In the mid-1990s, 100 elk-vehicle collisions occurred annually in Banff National Park. Today, that number is almost zero. This statistic, along with other data collected by the Western Transportation Institute, indicates the Parks Canada wildlife corridors are working.

Over the last three decades, the Canadian government allocated over \$400 million to upgrade and add more lanes to the 180km of Trans-Canada Highway running through Banff National Park. Thousands of vehicles were using the highway each day, which cuts directly through the park and the home ranges and corridors of local wildlife. Collisions between vehicles and wildlife were a growing concern. As a result, a quarter of the highway-improvement budget was reserved for installing fencing along the highway and building overpasses and underpasses for wildlife to use.



The overpasses are concrete structures topped with wildflowers and trees; they provide safe passage over the Trans-Canada for local wildlife including grizzly bears, elk, deer, and other animals. The culvert-like underpasses are preferred by black bears and mountain lions. In all, the Western Transportation Institute has recorded large mammals using the structures over 200,000 times in the 17 years it has been tracking use of the passages.

The over- and underpasses were a relatively novel idea when they were constructed along the section of the Trans-Canada Highway that passes through Banff National Park. A few small wildlife crossings existed in the eastern United States, but there was no precedent, or even much public confidence, that the undertaking in Banff would work. Now, delegations from around the world are visiting Banff to study the corridors. They are considering whether these successes can be adapted to the roadways and animal populations of Montana, Washington, Mongolia, Argentina, and China.

25. Based on its tone and content, which of the following best describes the passage?
- a. parable
 - b. case study
 - c. cautionary tale
 - d. success story
26. Which of the following is the best example that the corridors were effective at meeting their objectives?
- a. there have been fewer elk-vehicle collisions
 - b. the corridors have attracted notice from other countries
 - c. local wildlife populations have become more stable
 - d. traffic flow in Banff National Park improved
27. According to the article, why was the construction of the overpasses and underpasses so noteworthy?
- a. Banff is Canada's most-visited national park
 - b. There were only a few examples of the corridors in existence at that time
 - c. Grizzly bears are a species of special concern in Banff
 - d. They cross approximately 180km of highway
28. Which of these statements best summarizes the passage?
- a. The wildlife corridors over and under the Trans-Canada Highway were not a waste of money.
 - b. The wildlife corridors over and under the Trans-Canada Highway have received international attention because of their effectiveness.
 - c. The wildlife corridors over and under the Trans-Canada Highway are proof of Parks Canada's conservation efforts.
 - d. The wildlife corridors over and under the Trans-Canada Highway are used by bears, elk, deer, mountain lions, and other animals.



29. According to the passage, which of the following statements best reflects public attitudes toward the wildlife corridors before they were constructed?

- a. "This is a valuable project."
- b. "We should follow the lead of the United States."
- c. "We are not sure these corridors will work."
- d. "This is an opportunity for Canada to be a leader in conservation."

The following is a set of rules and guidelines for an online contest from the Red River Stationery Company, a fictional company. Read the passage and use it to do the questions below.

1. Eligibility: No purchase necessary. Maximum of one entry per person. This contest is open only to those who sign up online and who are 18 years of age or older as of the date of entry. The contest is only open to legal residents of Canada, and is void where prohibited by law. Employees of the Red River Stationery Company, its affiliates, advertising and promotion agencies, and suppliers, (collectively the "Employees"), and immediate family members and/or those living in the same household of Employees are not eligible to participate in the contest. The contest is subject to all applicable federal, provincial, and local laws and regulations.

2. Contest Period: Entries will be accepted online starting on September 1 and ending December 15 at 11:59 p.m. (CST).

3. How to Enter: The contest must be entered by submitting an entry using the online form provided at redriverstationery.com. The entry must fulfill all contest requirements, as specified, to be eligible to win a prize. Entries that are incomplete or do not adhere to the rules or specifications may be disqualified at the sole discretion of the Red River Stationery Company. You may not enter more times than indicated by using multiple email addresses, identities, or devices in an attempt to circumvent the rules. If You use fraudulent methods or otherwise attempt to circumvent the rules, your submission may be removed from eligibility at the sole discretion of the Red River Stationery Company.

4. Winner Selection and Notification: Winner will be selected by a random drawing under the supervision of the Red River Stationery Company. Winner will be notified by email within five (5) days following selection of Winner. The Red River Stationery Company shall have no liability for the winner's failure to receive notices due to spam, junk e-mail or other security settings or for the winner's provision of incorrect or otherwise non-functioning contact information. If the winner cannot be contacted, is ineligible, fails to claim the prize within 14 days from the time award notification was sent, or fails to timely return a completed and executed declaration and release as required, the prize may be forfeited and an alternate winner selected. Receipt by the winner of the prize offered in this contest is conditioned upon compliance with any and all federal, provincial, and local laws and regulations. Any violation of these official rules by the winner (at Red River Stationery Company's sole discretion) will result in the winner's disqualification from the contest and all privileges as the winner will be immediately terminated.

30. Which of the following prospective contest entrants is not eligible to win?

- a. A new customer of the Red River Stationery Company
- b. An existing customer of the Red River Stationery Company
- c. A person who does not shop at the Red River Stationery Company
- d. An employee of the Red River Stationery Company



31. Which of the following is not a responsibility of the Red River Stationery Company?
- a. to accept entries until December 15
 - b. to choose a winner at random
 - c. to contact the winner by December 20
 - d. to call the winner if the winner does not claim the prize within 14 days
32. Contest entrants are ineligible to win if:
- a. they enter online
 - b. they do not make a purchase at Red River Stationery Company within the contest period
 - c. they enter more than once
 - d. they have won a prize from the Red River Stationery Company within the last year
33. The contest winner forfeits their entitlement to a prize under all of the circumstances outlined below, except for:
- a. the winner turns 18 on December 14
 - b. the winner provides incorrect contact information
 - c. the winner's email account blocks or filters the email notifying the winner
 - d. the winner violates the contest rules

Practice Questions

III. Language Mechanics

This section is about skills used in writing. For the following questions, decide which punctuation mark, if any, is needed in the sentences.

34. "The grass is getting pretty long" Marla commented to her brother.
- a. ,
 - b. !
 - c. ;
 - d. none
35. The backpack that is full of books belongs to my friend.
- a. .
 - b. ,
 - c. ;
 - d. none



36. The agenda included the following activities role playing, a written exam, a workshop, and a class critique.

- a. .
- b. :
- c. ;
- d. none

37. "Watch out for the rattlesnake" Pat shouted to the rest of the hikers.

- a. .
- b. ;
- c. !
- d. none

Read the passage and look at the underlined part of the sentence. Choose the answer that shows the best capitalization and punctuation for that part.

38. I asked the teacher if the rain stops, can we go outside for recess?"

- a. teacher, If
- b. teacher, "if
- c. teacher, "If
- d. correct as it is

39. Robert the company treasurer made copies of the report for the meeting.

- a. Robert the company treasurer,
- b. Robert, the company treasurer,
- c. Robert, the company treasurer
- d. correct as it is

Read the passages below, then look at the underlined parts. Choose the answer that shows the best capitalization and punctuation for each part.

The Winnipeg Police Emergency Response Unit was formed in May 1975 it originally consisted of five members. These members were sent to the F.B.I. training academy. In Virginia to receive specialized weapons and tactics training from instructors there.

40.

- a. 1975. It
- b. 1975, it
- c. 1975: it
- d. correct as it is



41.

- a. academy; in Virginia
- b. academy in Virginia.
- c. academy in Virginia
- d. correct as it is

Dear Mr. Carter!

A colleague forwarded your inquiry to me: I would be happy to provide you with the information you are requesting. I will send you the information by the end of the week.

If there is anything further I can do to be of assistance, please do not hesitate to contact me?

Sincerely,

Cathy Miller

42.

- a. Dear Mr. Carter,
- b. Dear Mr. Carter;
- c. Dear Mr. Carter
- d. correct as it is

43.

- a. your inquiry to me, I would be happy
- b. your inquiry to me. I would be happy
- c. your inquiry to me I would be happy
- d. correct as it is

44.

- a. hesitate to contact me,
- b. hesitate to contact me.
- c. hesitate to contact me!
- d. correct as it is

Sir Robert Peel is regarded as the father of modern British policing. He viewed police officers as citizens in uniform, emphasizing that ethical behaviour was essential to earning and maintaining the public's trust and cooperation. Peel's approach to policing is commonly referred to as "policing by consent" in the United Kingdom, Canada Australia and New Zealand. There are nine principles, known as the Peelian principles that articulate this approach. One of the Peelian principles is; it is better to actively deter crime and disorder than to rely on sever legal punishments to act as the sole deterrent.



45.

- a. uniform. Emphasizing
- b. uniform? Emphasizing
- c. uniform emphasizing
- d. correct as it is

46.

- a. in: the United Kingdom, Canada Australia and New Zealand.
- b. in the United Kingdom, Canada, Australia, and New Zealand.
- c. in the United Kingdom. Canada Australia and New Zealand.
- d. correct as it is

47.

- a. principles, known as the Peelian principles.
- b. principles known as the Peelian principles
- c. principles, known as the Peelian principles,
- d. correct as it is

48.

- a. principles is: it is better
- b. principles is... it is better
- c. principles is. It is better
- d. correct as it is

Practice Questions

IV. Language Expression

This section is about skills used in writing. In the following examples choose the word or phrase that best completes the sentence.

49. Even though we only stopped by for tea, our gracious host served Johan and _____ dinner.
- a. I
 - b. me
 - c. myself
 - d. us



50. The professor's judgement was questioned by several students _____ were sitting at the back of the classroom.
- who
 - whom
 - which
 - whose
51. I work in customer service, so I always try to be courteous, regardless of with _____ I am speaking.
- who
 - whom
 - which
 - whose
52. The group of teachers _____ invited us to today's assembly were very welcoming.
- whose
 - whom
 - what
 - that
53. It is _____ humans who are responsible.
- we
 - us
 - our
 - ourselves

Read the sentences below, then choose the statement that best combines the sentences into one.

54. The final cost of the car exceeded the budget I set for myself. I bought the car.
- I bought the car because its final cost exceeded the budget I set for myself.
 - The cost of the car exceeded the budget I set for myself, so I only bought it after negotiating a lower price.
 - I ultimately bought a different car because the final cost of that one exceeded the budget I set for myself.
 - I bought the car, even though its final cost exceeded the budget I set for myself.
55. She had a bad experience at that restaurant. She no longer eats there.
- Because she no longer eats at that restaurant, she had a bad experience there.
 - She had a bad experience at that restaurant, so she no longer eats there.
 - She had a bad experience at that restaurant and she no longer eats at that restaurant.
 - She used to eat at that restaurant all the time, but hasn't since she had a bad experience there.



56. Bears are warm-blooded creatures. Birds are warm-blooded creatures.

- a. Bears are warm-blooded creatures and, therefore, are birds.
- b. Despite birds being warm-blooded creatures, bears also possess this quality.
- c. Henceforth, bears and birds are both warm-blooded creatures.
- d. Examples of warm-blooded creatures include bears and birds.

57. I should call my parents. I forgot my phone at home.

- a. I should call my parents, or I forgot my phone at home.
- b. I should call my parents, but I forgot my phone at home.
- c. I should, but my phone is at home, call my parents.
- d. I should call my parents, until I forgot my phone at home.

58. Staff Sergeant Jack Templeman wrote a history of the Winnipeg Police Service. The Breathalyzer was introduced in 1968. Motorists began to think twice about drinking and driving.

- a. As Staff Sergeant Jack Templeman wrote in history of the Winnipeg Police Service, the introduction of the Breathalyzer in 1968 discouraged motorists from drinking and driving.
- b. The introduction of the Breathalyzer in 1968 motivated motorists to think twice about drinking and driving and Staff Sergeant Jack Templeman to write a history of the Winnipeg Police Service.
- c. According to Jack Templeman, the introduction of the Breathalyzer in 1968 prompted motorists to think twice about drinking and driving because it was no longer just the opinion of an officer that could convict you in court.
- d. The Winnipeg Police Service introduced the Breathalyzer in 1968.

59. Get to know your neighbours. Keep doors locked even when you are home or in your yard. Use motion lights on the exterior of your house.

- a. Once you get to know your neighbours, determine if you should keep doors locked when you are at home or in the yard, and if you should use motion lights on the exterior of your house.
- b. Here are some tips to help keep your neighbourhood safe: use motion lights on the exterior of your house, get to know your neighbours, and keep your doors locked even when you are home or in your yard.
- c. Get to know your neighbours, keep doors locked even when you are home or in your yard, and use motion lights on the exterior of your house. These are three ideas to stay safe at home.
- d. Get to know your neighbours and keep doors locked even when you are home or in your yard; alternately, you can use motion lights on the exterior of your house.



60. The police officer observed a motorist driving erratically. The car was swerving. The police officer ran its license plate number through her computer system.

- a. The police officer observed a car erratic and swerve, so she ran its license plate number through her computer system.
- b. The police officer ran the car's license plate number through her computer system to prevent the motorist from driving erratically and swerving.
- c. After observing a motorist drive erratically, the police officer ran the swerving car's license plate number through her computer system.
- d. The police officer observed the motorist driving erratically and the car swerving, for she ran its license plate number through her computer system.

Read the sentence below and choose the answer that best develops the topic sentence.

61. In 1972, Canadian and Soviet hockey teams played one another in a hotly-contested round of competition known as the Summit Series.

- a. The first indoor hockey game was played in Montreal in 1875.
- b. Phil Esposito, a player on the Canadian team, is a member of the Hockey Hall of Fame.
- c. Plans to hold a series were negotiated by Hockey Canada and the Soviet Hockey Federation in Prague in April 1972.
- d. The series was composed of four games in Canada and four in the Soviet Union, with Canada winning the series in the final game.

62. Covering 55% of Canada's land mass, the boreal zone is the country's largest vegetation zone.

- a. The tundra, another vegetation zone, is characterized by treeless arctic conditions.
- b. The region is covered by forests, lakes and rivers, and is home to diverse wildlife.
- c. Forest fires in the boreal zone release the nutrients found in waste on the forest floor and open the forest canopy to sunlight.
- d. Different types of hawks, medium-sized birds of prey, live in the boreal zone.

63. There are two different types of sleep, each with very specific functions.

- a. Adults who consistently get fewer than seven hours of sleep per night incur significant deficits in brain and body function.
- b. The hypothalamus regulates the body's cycle between sleepiness and alertness.
- c. Athletes who get less than eight hours of sleep per night are 1.7 times more likely to get injured.
- d. Non-rapid eye movement sleep promotes physical recovery and regeneration, while rapid eye movement sleep supports mental and cognitive functioning.

Choose the sentence that is complete and written correctly.



64.

- a. The Canadian Charter of Rights and Freedoms is one parts of the Canadian Constitution.
- b. The Constitution is a set of laws that has been containing the basic rules about how the country operates.
- c. For example, it contains the powers of the federal government and them of the provincial governments in Canada.
- d. The Charter sets out those rights and freedoms that Canadians believe are necessary in a free and democratic society.

65.

- a. In 1909, King Edward VII authorized the creating of a medal for issue to members of a recognized police force or fire department throughout the British Empire.
- b. The medal were awarded for acts of gallantry or long and dedicated service.
- c. Between 1909 and 1950, Canadians were presented to 52 medals.
- d. Members of the Winnipeg Police Force were honoured to receive five of those King's Police Medals.

66.

- a. Until 1897, Winnipeg police officers walked the beat and had not any vehicles.
- b. In 1897, the police force bought three bicycles for detectives and patrol sergeants to use.
- c. For two years between 1911 and 1913, prisoners were transported in horse-drawn wagons owned by the police force.
- d. When the Winnipeg Police started using cruiser cars in 1927, them only being used to respond to emergencies, and not for patrol.

Practice Questions

V. Mathematics Concepts and Applications

67. Which of these radicals equals a number that is between 3 and 4?

- a. $\sqrt{81}$
- b. $\sqrt{25}$
- c. $\sqrt{9}$
- d. $\sqrt{15}$

68. A rectangle has a perimeter of 40 m and a length of 12 m. What is the width of the rectangle?

- a. 4 m
- b. 6 m
- c. 8 m
- d. 10 m



69. A number is 10 greater than another number. If the smaller number is subtracted from twice the larger number, the difference is 50. What is the larger number?

- a. 20
- b. 10
- c. 40
- d. 15

70. If the discount given on a stereo system is \$40.00 off the original price of \$200.00, what is the rate of the discount?

- a. 20%
- b. 15%
- c. 25%
- d. 10%

71. What is the sum if you round 976 and 343 to the nearest hundred and then add them?

- a. 1200
- b. 1300
- c. 1329
- d. 1400

72. For five weeks, William volunteered as a math tutor. He volunteered for 4 hours the first week, 4 hours the second week, 5 hours the third week, 7 hours the fourth week, and 10 hours the fifth week. For how many hours per week did he volunteer, on average?

- a. 6
- b. 8
- c. 7
- d. 5

73. A right triangle has one non-hypotenuse side length of 3 inches. The hypotenuse measures 5 inches. What is the length of the other non-hypotenuse side?

- a. 3 inches
- b. 4 inches
- c. 5 inches
- d. 6 inches

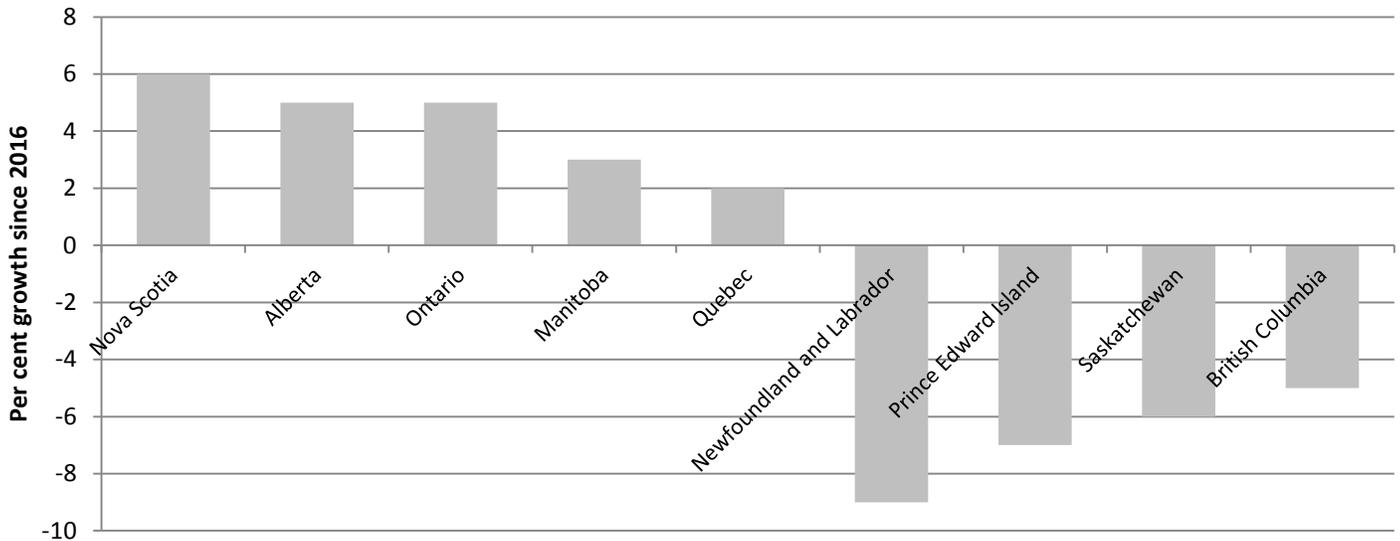


74. What is the solution to the following equation?

$$4 \times (6-1) \times 0 =$$

- a. 9
- b. 0
- c. -20
- d. 20

75.



The graph above shows by what percentages the crime severity index changed for each province from 2016 to 2017, according to Statistics Canada. Which province showed the smallest decrease to its crime severity index?

- a. Nova Scotia
- b. Quebec
- c. Newfoundland and Labrador
- d. British Columbia

76. What is the product of seven-eighths minus one quarter?

- a. $\frac{5}{8}$
- b. $\frac{3}{8}$
- c. $\frac{1}{4}$
- d. $\frac{1}{2}$



77. The Human Resources Division uses 3 packages of paper per day. How many packages of paper will the Division use in a 5-day work week?

- a. 3
- b. 12
- c. 15
- d. 20

78. The flight was originally scheduled to arrive at 13:00, but it has been delayed by two hours. What is the new arrival time?

- a. 11:00
- b. 13:00
- c. 15:00
- d. 17:00

79. Two tourists would like to pay for their entrance to the museum in American currency. Each ticket to enter the museum costs \$25.00 Canadian. According to the exchange rate on that day, \$1.00 Canadian is equal to \$0.76 American. How much will the guests pay in American currency for the two tickets?

- a. \$19.00
- b. \$38.00
- c. \$50.00
- d. \$76.00

80. What is the solution to the following equation?

$$2(5 + A) =$$

- a. $2 + 5A$
- b. $7 + 2A$
- c. $10 + 5A$
- d. $10 + 2A$

81. Which of the following means $7x - 6 = 20$?

- a. 7 less than 6 times a number is 20
- b. 6 more than 7 times a number is 20
- c. 7 less than 6 times a number is 20
- d. 6 less than 7 times a number is 20



Answer Key for the Practice Questions

I. Vocabulary

1. C - unfavourable
2. D - disobedient
3. A - pay
4. D - superfluous
5. A - neutral
6. B - shady
7. B - consistent - *please note that there was an error in a previous edition of the study guide that provided an incorrect answer to this question*
8. C - simple
9. C - discrepancies
10. B - disavowed
11. A - diligently
12. C - frenetic
13. B - steep
14. A - current
15. D - wound
16. D - invalid
17. B - manifest
18. C - separate

Comprehension

19. b. 20 minutes
20. c. Code White and Code Grey
21. c. forward the invoice to his supervisor
22. a. ringing a bell in a call box
23. d. 522
24. b. He had to report to the station sergeant later in his shift
25. d. success story
26. a. there have been fewer elk-vehicle collisions
27. b. there were only a few examples of the corridors in existence at that time
28. b. the wildlife corridors over and under the Trans-Canada Highway have received international attention because of their effectiveness.
29. c. "We are not sure these corridors will work."
30. d. an employee of the Red River Stationery Company
31. d. to call the winner if the winner does not claim the prize within 14 days
32. c. they enter more than once
33. a. the winner turns 18 on December 14



Language Mechanics

- 34. a. "The grass is getting pretty long," Marla commented to her brother.
- 35. d. none
- 36. b. The agenda included the following activities: role playing, a written exam, a workshop, and a class critique.
- 37. c. "Watch out for the rattlesnake!" Pat shouted to the rest of the hikers.
- 38. c. I asked the teacher, "If the rain stops, can we go outside for recess?"
- 39. b. Robert, the company treasurer, made copies of the report for the meeting.
- 40. a. 1975. It
- 41. c. academy in Virginia
- 42. a. Dear Mr. Carter,
- 43. b. your inquiry to me. I would be happy
- 44. b. hesitate to contact me.
- 45. d. correct as it is
- 46. b. in the United Kingdom, Canada, Australia, and New Zealand.
- 47. c. principles, known as the Peelian principles,
- 48. a. principles: it is better

Language Expression

- 49. b. me
- 50. a. who
- 51. b. whom
- 52. d. that
- 53. a. we
- 54. d. I bought the car, even though its final cost exceeded the budget I set for myself.
- 55. b. She had a bad experience at that restaurant, so she no longer eats there.
- 56. d. Examples of warm-blooded creatures include bears and birds.
- 57. b. I should call my parents, but I forgot my phone at home.
- 58. a. As Staff Sergeant Jack Templeman wrote in history of the Winnipeg Police Service, the introduction of the Breathalyzer in 1968 discouraged motorists from drinking and driving.
- 59. b. Here are some tips to help keep your neighbourhood safe: use motion lights on the exterior of your house, get to know your neighbours, and keep your doors locked even when you are home or in your yard.
- 60. c. After observing a motorist drive erratically, the police officer ran the swerving car's license plate number through her computer system.
- 61. d. The series was composed of four games in Canada and four in the Soviet Union, with Canada winning the series in the final game.
- 62. b. The region is covered by forests, lakes and rivers, and is home to diverse wildlife.
- 63. d. Non-rapid eye movement sleep promotes physical recovery and regeneration, while rapid eye movement sleep supports mental and cognitive functioning.



64. d. The Charter sets out those rights and freedoms that Canadians believe are necessary in a free and democratic society.

65. d. Members of the Winnipeg Police Force were honoured to receive five of those King's Police Medals.

66. c. For two years between 1911 and 1913, prisoners were transported in horse-drawn wagons owned by the police force.

Mathematics Concepts and Applications

67. d. $\sqrt{15}$

68. c. 8m

69. c. 40

70. a. 20%

71. b. 1300

72. a. 6

73. b. 4 inches

74. b. 0

75. d. British Columbia

76. a. $\frac{5}{8}$

77. c. 15

78. c. 15:00

79. b. \$38.00

80. d. $10 + 2A$

81. d. 6 less than 7 times a number is 20