

PRACTICE EXAM 16: TX PACT ESSENTIAL ACADEMIC SKILLS (700) (126 QUESTIONS)

This standalone practice exam contains 126 selected-response questions: 45 Reading, 36 Writing, and 45 Mathematics. Work under exam-like timing: 75 minutes for Reading, 90 minutes for Writing, and 75 minutes for Mathematics. Select the best answer for each question.

1. Read the sentence. What does the word or phrase in context most nearly mean?

After the unexpected rain, the program leader decided to postpone the community session.

- A. delay until a later time
- B. cancel permanently
- C. begin immediately
- D. move to a new location

2. Read the sentence. What does the word or phrase in context most nearly mean?

The editor's account was concise, yet it included every important event.

- A. uncertain and vague
- B. lengthy and repetitive
- C. emotional and personal
- D. brief and clear

3. Read the sentence. What does the word or phrase in context most nearly mean?

Rather than criticize the proposal, Maya offered a constructive suggestion for improving it.

- A. hostile and insulting

- B. unrelated to the issue
- C. helpful and intended to improve
- D. secretly prepared

4. Read the sentence. What does the word or phrase in context most nearly mean?

The seedlings were fragile, so the learning ploter protected them from strong wind.

- A. fully grown
- B. hard to locate
- C. likely to spread
- D. easily damaged

5. Read the sentence. What does the word or phrase in context most nearly mean?

The speaker's tone was optimistic; she expected the project to succeed.

- A. hopeful about the future
- B. worried about failure
- C. unaware of the plan
- D. angry at the audience

6. Read the sentence. What does the word or phrase in context most nearly mean?

The science center installed a replica so visitors could examine a copy of the original artifact.

- A. a written description
- B. a close copy
- C. a damaged fragment
- D. a future invention

7. Read the sentence. What does the word or phrase in context most nearly mean?

The evidence was sufficient to support the advisory group's conclusion.

- A. too confusing to use
- B. impossible to verify
- C. enough for the purpose
- D. available only later

8. Read the sentence. What does the word or phrase in context most nearly mean?

The author used a vivid description of the storm to make readers imagine it clearly.

- A. using technical vocabulary
- B. producing strong, clear images
- C. hiding important facts
- D. changing the sequence

9. Read the sentence. What does the word or phrase in context most nearly mean?

Because the directions were ambiguous, two groups interpreted them differently.

- A. open to more than one meaning
- B. commuter vehicleleefully numbered
- C. easy to remember
- D. supported by evidence

10. Read the paragraph. Which statement best expresses its main idea?

Neighborhood learning plots can improve access to fresh produce. They also give residents a place to share skills, meet neighbors, and learn about growing food. Although each learning plot is different, many become useful community spaces.

- A. All learning plots must grow vegetables.
- B. Residents dislike learning new skills.
- C. Neighborhoods should replace campus greens with learning plots.
- D. Community learning plots provide food and social benefits.

11. Read the paragraph. Which statement best expresses its main idea?

A student who reviews notes for a few minutes over several days often remembers more than a student who studies everything in one long session. Short review periods give the brain repeated chances to retrieve information.

- A. Candidates should avoid taking notes.
- B. Long study sessions are never useful.
- C. Spaced review can improve long-term learning.
- D. Memory depends only on natural talent.

12. Read the paragraph. Which statement best expresses its main idea?

Public libraries lend books, but many also provide internet access, clinics, and quiet places to study. These services help libraries meet changing community needs.

- A. Libraries offer services beyond lending books.
- B. Libraries no longer lend books.
- C. Clinics replace quiet study areas.
- D. Internet access is available only at home.

13. Read the paragraph. Which statement best expresses its main idea?

When a region adds protected bike lanes, some residents begin using bicycles for short trips. Fewer commuter vehicle trips can reduce traffic near commuter many intersections and may improve local air quality.

- A. Commuter Vehicles should be banned from intersections.

- B. Cyclists never use other travel paths.
- C. Air quality depends only on weather.
- D. Bike lanes can encourage travel choices that benefit cities.

14. Read the paragraph. Which statement best expresses its main idea?

A budget helps a family decide how to use its income. By recording regular expenses and savings goals, family members can make choices before money is spent.

- A. Families should avoid saving money.
- B. A budget supports planned financial decisions.
- C. Income always exceeds expenses.
- D. Budgets are useful only for commuter vaninenses.

15. Read the paragraph. Which statement best expresses its main idea?

Scientists repeat experiments so they can determine whether a result occurs consistently. Repetition does not guarantee a conclusion is correct, but it increases confidence when similar results appear.

- A. One experiment proves every claim.
- B. Scientists should ignore unusual results.
- C. Experiments never need commuter vehicleleeful planning.
- D. Repeated experiments help evaluate consistency of results.

16. Read the paragraph. Which statement best expresses its main idea?

A clear area diagram legend explains the meaning of symbols, colors, and lines. Without a legend, readers may see the features on a area diagram but misunderstand what those features represent.

- A. Area Diagrams should use fewer colors.
- B. Readers should memorize every symbol.
- C. A area diagram legend helps readers interpret area diagram symbols.
- D. Lines are more useful than labels.

17. Read the paragraph. Which statement best expresses its main idea?

Conservation programs work best when residents know what materials are accepted. Clear labels and convenient collection locations make it easier for people to sort items correctly.

- A. Every material can be recycled.
- B. Clear guidance can make conservation programs more effective.
- C. Collection locations should be difficult to find.
- D. Labels are unnecessary for sorting.

18. Read the paragraph. Which statement best expresses its main idea?

Before planting landscape plants, planners examine soil, drainage, and available space. Choosing a species that fits the location makes it more likely that the landscape plant will remain healthy as it grows.

- A. Landscape Plant selection should match local growing conditions.
- B. All landscape plant species need identical soil.
- C. Planners should choose the tallest landscape plant.
- D. Drainage matters only after planting.

19. Read the passage. What is the writer's primary purpose?

To the residents of Pine Sandscape plantt: The water main will be repaired on Tuesday. Water service may be interrupted from 9 a.m. to noon. Please shop enough water for essential needs before work begins.

- A. persuade residents to move away
- B. inform residents about a planned service interruption
- C. entertain readers with a story
- D. compare water suppliers

20. Read the passage. What is the writer's primary purpose?

Our college program should add more shaded seating near the playground. Candidates wait outside during afternoon pickup, and several benches would provide a safer, more comfortable space.

- A. persuade college program leaders to add shaded seating
- B. describe the history of the playground
- C. report the weather forecast
- D. explain how benches are made

21. Read the passage. What is the writer's primary purpose?

This guide explains how to create a strong password: use a long phrase, avoid personal details, and use a different password for each account.

- A. argue that all accounts should be closed
- B. tell a fictional story
- C. instruct readers how to create safer passwords
- D. announce a new computer product

22. Read the passage. What is the writer's primary purpose?

The festival opened with a parade, followed by music, food stalls, and a closing fireworks show. Families stayed late to enjoy the final performance.

- A. request participants for a festival
- B. warn people about a storm
- C. prove that festivals are expensive
- D. describe events at a festival

23. Read the passage. What is the writer's primary purpose?

Although the new commuter van travel path reaches more neighborhoods, its schedule should include an earlier morning trip for workers with early shifts.

- A. explain how commuter vanes are manufactured
- B. recommend a change to the commuter van schedule
- C. summarize a historical travel path
- D. advertise a tourist attraction

24. Read the passage. What is the writer's primary purpose?

The article calls the proposal 'a short-sighted shortcut' and warns that it would shift costs to future residents.

- A. present a neutral definition
- B. celebrate a completed project
- C. express a critical view of the proposal
- D. give instructions for voting

25. Read the passage. What is the writer's primary purpose?

Dear Participant, thank you for giving your Saturday to the food drive. Your commuter vehicleful sorting helped us prepare hundreds of boxes for distribution.

- A. request a donation of food
- B. explain food-safety rules
- C. announce a job opening
- D. express appreciation to a participant

26. Read the passage. What is the writer's primary purpose?

The review notes that the mobile device has a bright screen and long battery life but questions whether its price is reasonable for most buyers.

- A. evaluate a product's strengths and weakness
- B. provide technical repair instructions
- C. tell buyers to avoid mobile devices
- D. describe a fictional device

27. Read the passage. What is the writer's primary purpose?

Because the survey included only people who visited the campus green on weekends, its results may not represent all region residents.

- A. identify a limitation in the survey evidence
- B. prove the survey is completely accurate
- C. explain how campus greens are funded
- D. show that weekends are unpopular

28. A town planted landscape plants along a commuter vary road. Two years later, drivers reported seeing less glare from afternoon sun. Which conclusion is best supported?

- A. The landscape plants eliminated all traffic.
- B. Every road needs the same landscape plants.
- C. Drivers no longer travel in the afternoon.
- D. The landscape plants may have reduced glare for drivers.

29. A report states that a new tutoring program raised scores. The report compares this year's participants with last year's candidates but does not account for differences between the groups. What is the strongest concern?

- A. Scores cannot be measured.
- B. The comparison may not isolate the program's effect.
- C. Tutoring never helps candidates.
- D. Last year's candidates were not real.

30. 'Every successful entrepreneur I know drinks tea, so drinking tea causes commuter vaniness success.' Which assumption is required?

- A. Entrepreneurs never drink coffee while managing their commuter vaninesses.
- B. All tea tastes the same in every part of town.
- C. Tea drinking is the main reason for those entrepreneurs' success.
- D. Commuter Vaniness success cannot be measured using any reliable standard.

31. A student says, 'The dining area line was long today, so the college program should build another dining area.' Which information would best evaluate this claim?

- A. The color of the dining area walls.
- B. Whether long lines occur regularly at different times.
- C. Candidates' favorite lunch foods.
- D. The age of the college program building.

32. 'The region should repair the bridge because a safety inspection found damaged supports.' Which statement is a fact rather than an opinion?

- A. The bridge is the ugliest structure in town.
- B. Repairs will make the region better.
- C. The inspection found damaged supports.
- D. Everyone should be worried.

33. A chart shows sales increased after a shop changed its window display. Which statement is most commuter vehicleeeful?

- A. Sales increased after the display changed, but the chart alone does not prove why.
- B. The display certainly caused every increase in shop sales.
- C. Sales will increase forever after the display is changed.
- D. The chart contains no useful sales information at all.

34. A website cites a study but does not identify the researchers, methods, or data. What should a reader do first?

- A. Accept the claim because it is online.
- B. Share the claim without checking.
- C. Assume the citation is fictional.
- D. Look for the original study and its methods.

35. A candidate promises to lower taxes, improve roads, and increase services without explaining funding. What question best tests the argument?

- A. What color is the campaign logo?
- B. What revenue source would pay for the promised services?
- C. How long is the candidate's speech?
- D. Where was the promise announced?

36. A college program newsletter reports that attendance rose by 3 percent after a new morning routine began. What additional evidence would strengthen a causal claim?

- A. A list of mentors' favorite subjects.
- B. A photograph of the college program entrance.
- C. Attendance data from comparable college programs without the new routine.
- D. A description of the college program mascot.

37. A table lists monthly rainfall for four cities. Which feature would help a reader locate the value for Austin in March?

- A. row and column labels
- B. a personal opinion
- C. a concluding paragraph
- D. an unrelated photograph

38. Which is the best summary of a paragraph explaining that landscape plants cool slandscape plantts, absorb rainwater, and provide habitat?

- A. Landscape Plants offer several environmental benefits in cities.
- B. Landscape Plants are always taller than buildings.
- C. Rainwater is the only benefit of landscape plants.
- D. Cities should remove all slandscape plantts.

39. Which graphic would best compare the number of candidates choosing four different electives?

- A. a line graph of time
- B. a area diagram of the college program
- C. a paragraph without data
- D. a bar graph

40. A passage explains first how a problem developed, then describes the effects that followed. What organizational pattern is used?

- A. chronological biography
- B. compare and contrast only
- C. cause and effect
- D. question and answer

41. A area diagram uses a star to mark each hospital. What should a reader consult to confirm the meaning of the star?

- A. the scale only
- B. the area diagram legend
- C. the title only
- D. the compass rose only

42. Which outline best organizes an essay explaining how to start a community cleanup?

- A. Begin with unrelated local history, then list personal opinions.
- B. Repeat the conclusion before presenting any practical cleanup steps.
- C. List supplies without naming the cleanup goal or participants.
- D. State the goal, list needed supplies, explain participant roles, and describe follow-up.

43. A chart shows that attendance rose each month from January through April. Which statement is supported?

- A. Attendance will always increase.
- B. January had the highest attendance.
- C. Attendance increased during the four-month period.
- D. The chart proves why attendance changed.

44. Which sentence is the best summary of a passage about checking sources before sharing information online?

- A. Readers should evaluate sources before sharing claims online.
- B. Every online claim is false.
- C. Sharing information is never useful.
- D. Only experts may use the internet.

45. A paragraph presents two different approaches to conserving water and explains how they are alike and different. What organization is used?

- A. sequence of events
- B. compare and contrast
- C. definition and example
- D. problem and solution only

46. Which sentence is most appropriate for a formal email to a site director?

- A. Hey, can we chat about the participant thing?
- B. You need to meet with me about participants.
- C. The participant situation is, like, a big deal.
- D. I am writing to request a briefing to discuss the participant program.

47. Which thesis best introduces an essay arguing that college programs should begin later?

- A. College Programs have many different schedules during each academic year.
- B. Candidates go to college program every day in many communities.
- C. This essay is about everyday college program morning routines generally.
- D. Later start times can support candidates' health, attendance, and readiness to learn.

48. Choose the best transition. 'The nature walk was steep and rocky. ____, the hikers reached the summit before noon.'

- A. For example
- B. Similarly
- C. Nevertheless
- D. In contrast

49. Which sentence is a fragment?

- A. Because the rain continued throughout the afternoon.
- B. The rain continued throughout the afternoon.
- C. We stayed indoors because the rain continued.
- D. Although rain was expected, the game began.

50. Which revision corrects the subject-verb agreement error? 'The list of supplies are on the desk.'

- A. The list of supplies be on the desk.
- B. The list of supplies is on the desk.
- C. The list of supplies were on the desk.
- D. The list of supplies have been on the desk.

51. Which revision removes the misplaced modifier? 'Walking through the science center, the paintings impressed Luis.'

- A. The paintings, walking through the science center, impressed Luis.
- B. Luis impressed the paintings by walking through the science center.
- C. Walking through the science center, Luis was impressed by the paintings.
- D. The science center was walking through paintings with Luis.

52. Which sentence uses parallel structure?

- A. The advisory group will review applications, interviewing candidates, and finalists are selected.
- B. The advisory group reviews applications, conducting interviews, and selection of finalists.
- C. The advisory group will review applications, interviews occur, and select finalists.
- D. The advisory group will review applications, conduct interviews, and select finalists.

53. Which revision is most concise?

- A. The advisory group reached a decision after the discussion.
- B. After the discussion ended, the advisory group came to a decision that was reached.
- C. The advisory group had a discussion, and after that a decision was made by them.
- D. The decision that the advisory group reached was made after they discussed it.

54. Which sentence correctly uses a pronoun?

- A. Jordan and me presented the proposal to the board.
- B. Jordan and I presented the proposal to the board.
- C. Me and Jordan presented the proposal to the board.
- D. Jordan presented the proposal to the board and I.

55. Which sentence correctly uses a possessive pronoun?

- A. The blue backpack is her's.
- B. The blue backpack is she.
- C. The blue backpack is her.
- D. The blue backpack is hers.

56. Which sentence uses punctuation correctly?

- A. After the briefing, the study group reviewed its notes.
- B. After the briefing the study group, reviewed its notes.
- C. After, the briefing the study group reviewed its notes.
- D. After the briefing the study group reviewed, its notes.

57. Which sentence uses a semicolon correctly?

- A. The media center was closing soon; and we checked out our books quickly.
- B. The media center was closing soon; we checked out our books quickly.
- C. The media center was closing; soon we checked out our books quickly.
- D. The media center; was closing soon, we checked out our books quickly.

58. Which word best completes the sentence? 'The study group worked ____ to meet the deadline.'

- A. diligent
- B. diligence
- C. diligently

D. more diligent

59. Which sentence uses the comparative form correctly?

- A. This travel path is shorter than the travel path through downtown.
- B. This travel path is more shorter than the travel path through downtown.
- C. This travel path is shortest than the travel path through downtown.
- D. This travel path is short than the travel path through downtown.

60. Which sentence is capitalized correctly?

- A. My Aunt moved to el paso, texas, in july.
- B. My aunt moved to El paso, Texas, in july.
- C. My aunt moved to El Paso, Texas, in July.
- D. My aunt moved to El Paso, texas, in July.

61. Which sentence is spelled correctly?

- A. The advisory group will recieve the revised schedule tomorrow.
- B. The commitee will receive the revised schedule tomorrow.
- C. The advisory group will receive the revisied schedule tomorrow.
- D. The advisory group will receive the revised schedule tomorrow.

62. Which sentence best supports the topic sentence 'Public transit can make commuting more affordable'?

- A. Commuter Vanes come in several sizes and colors for riders.
- B. Riders can share the cost of fuel and campus greening by using commuter vanes or trains.
- C. Some commuters enjoy listening to music during their trips.
- D. Transit area diagrams often use symbols and lines for navigation.

63. Which sentence should be removed because it distracts from a paragraph about preparing for an interview?

- A. Research the organization before the interview.
- B. Practice answering common questions aloud.
- C. Choose professional clothing in advance.
- D. My favorite television show is on Tuesday evenings.

64. Which order best organizes an explanatory paragraph about conservation?

- A. Describe benefits, define conservation, then change topics.
- B. Define conservation, explain how materials are sorted, then describe benefits.
- C. List unrelated facts, then state a definition.
- D. Repeat the conclusion before giving any details.

65. Which revision maintains consistent point of view? 'A student should organize your notes before an exam.'

- A. A student should organize notes before an exam.
- B. A student should organize our notes before an exam.
- C. You should organize a student's notes before an exam.
- D. Candidates should organize his notes before an exam.

66. Which sentence best combines the ideas without changing meaning? 'The campus green was crowded. The campus green remained peaceful.'

- A. The campus green was crowded because it remained peaceful.
- B. The campus green was crowded, and it was not peaceful.
- C. Although the campus green was crowded, it remained peaceful.
- D. The campus green was peaceful, so nobody visited.

67. Which sentence avoids a double negative?

- A. I could not find no reason to delay the briefing.
- B. I could not find nobody to delay the briefing.
- C. I did not never find a reason to delay the briefing.
- D. I could find no reason to delay the briefing.

68. Which is the most effective topic sentence for a paragraph about planning meals?

- A. Meals are eaten at different times during most days.
- B. Planning meals in advance can reduce waste and simplify commutes many evenings.
- C. Food comes in many varieties at local grocery shops.
- D. This paragraph contains general information about preparing family meals.

69. Which revision correctly uses an apostrophe?

- A. The mentors' lounge was renovated during the summer.
- B. The mentor's lounge were renovated during the summer.
- C. The mentors lounge was renovated during the summer.
- D. The mentors's lounge was renovated during the summer.

70. Which sentence correctly uses a colon?

- A. Bring: three items to the clinic a notebook, a pen, and a calculator.
- B. Bring three items: to the clinic, a notebook, a pen, and a calculator.
- C. Bring three items to: the clinic a notebook, a pen, and a calculator.
- D. Bring three items to the clinic: a notebook, a pen, and a calculator.

71. Which sentence is most precise?

- A. The person wrote down some things about bugs.
- B. Someone noticed animals outside.
- C. The biologist recorded the number of monarch butterflies in each learning plot.
- D. The scientist did stuff with insects.

72. Which revision corrects the run-on sentence? 'The clinic ended we cleaned the room.'

- A. The clinic ended, we cleaned the room.
- B. The clinic ended, and we cleaned the room.
- C. The clinic ending we cleaned the room.
- D. The clinic ended because we cleaned the room.

73. Which sentence correctly uses the past perfect verb form?

- A. By noon, the study group has completed the inventory.
- B. By noon, the study group completing the inventory.
- C. By noon, the study group had completed the inventory.
- D. By noon, the study group had complete the inventory.

74. Which revision corrects the pronoun reference? 'When Mia spoke to Ava, she was nervous.'

- A. Mia was nervous when she spoke to Ava.
- B. When Mia spoke to Ava, she told her about nerves.
- C. Mia spoke to Ava because she was there.
- D. When they spoke, she was nervous.

75. Which sentence uses commas correctly in a series?

- A. The class studied, poetry drama and short fiction.
- B. The class studied poetry drama, and short fiction.
- C. The class, studied poetry, drama and, short fiction.

D. The class studied poetry, drama, and short fiction.

76. Which evidence best develops a claim that regular exercise can improve mood?

- A. A study describes participants who reported lower stress after regular walks.
- B. A list of different shoe colors.
- C. A quote about a famous athlete's commuter vehicleeer.
- D. A definition of a sidewalk.

77. Which conclusion best follows a paragraph explaining the importance of sleep?

- A. Sleep has existed for a long time in human life.
- B. For these reasons, establishing a regular bedtime can support daily performance.
- C. Some people own alarm clocks for early morning routines.
- D. This paragraph has discussed sleep in several different ways.

78. Which sentence uses an adjective correctly?

- A. The technician checked the wiring commuter vehicleeful.
- B. The commuter vehicleefully technician checked the wiring twice.
- C. The commuter vehicleeful technician checked the wiring twice.
- D. The technician commuter vehicleeful checked the wiring twice.

79. Which sentence is free of redundancy?

- A. The final outcome result will be announced tomorrow.
- B. The final outcome will be announced tomorrow.
- C. The outcome will be announced tomorrow in the future.
- D. The final outcome will be announced tomorrow at that time.

80. Which revision improves cohesion? 'The shop reduced prices. Customers visited more often.'

- A. The shop reduced prices. Blue is a common color.
- B. Customers visited more often. Prices are numbers.
- C. The shop reduced prices, but customers never came.
- D. After the shop reduced prices, customers visited more often.

81. Which sentence uses the correct verb form?

- A. The participants have completed the project.
- B. The participants has completed the project.
- C. The participants completing the project.
- D. The participants has complete the project.

82. What is $3,482 + 1,759$?

- A. 5231
- B. 5251
- C. 5241
- D. 5141

83. What is $9,000 - 3,487$?

- A. 5413
- B. 5613
- C. 5513
- D. 6513

84. What is 48×25 ?

- A. 1100
- B. 1250
- C. 1300
- D. 1200

85. What is $864 \div 12$?

- A. 72
- B. 62
- C. 82
- D. 96

86. Which fraction is equivalent to 0.375?

- A. $\frac{1}{4}$
- B. $\frac{3}{8}$
- C. $\frac{5}{8}$
- D. $\frac{7}{8}$

87. What is 35% of 240?

- A. 74
- B. 96
- C. 120
- D. 84

88. A recipe uses $\frac{3}{4}$ cup of milk for one batch. How much milk is needed for 3 batches?

- A. $1 \frac{1}{2}$ cups
- B. 2 cups
- C. $2 \frac{1}{4}$ cups

D. 3 cups

89. What is $-7 + 12 - 9$?

A. -2

B. -4

C. 2

D. 4

90. A \$60 shirt is discounted 20%. What is the sale price?

A. 48

B. 40

C. 50

D. 52

91. If 5 notebooks cost \$12.50, what is the cost per notebook?

A. 2.0

B. 2.5

C. 2.25

D. 3.0

92. Solve: $4x + 7 = 31$.

A. 4

B. 7

C. 6

D. 8

93. Solve: $3y - 5 = 16$.

- A. 5
- B. 6
- C. 8
- D. 7

94. Evaluate $2a^2 - 3$ when $a = 4$.

- A. 29
- B. 13
- C. 19
- D. 35

95. Which expression is equivalent to $5(x + 3)$?

- A. $5x + 3$
- B. $x + 15$
- C. $5x + 15$
- D. $8x$

96. What is the slope of the line through $(2, 3)$ and $(6, 11)$?

- A. 1
- B. 3
- C. 4
- D. 2

97. Which ordered pair satisfies $y = 2x + 1$?

- A. (2, 5)
- B. (3, 7)
- C. (3, 6)
- D. (4, 7)

98. Solve: $2x - 4 > 10$.

- A. $x > 7$
- B. $x < 7$
- C. $x > 3$
- D. $x < 3$

99. A table shows x values 1, 2, 3 and y values 4, 7, 10. Which equation matches the table?

- A. $y = x + 3$
- B. $y = 4x$
- C. $y = 3x + 1$
- D. $y = 3x - 1$

100. How many inches are in 3 feet 8 inches?

- A. 44
- B. 36
- C. 40
- D. 48

101. What is 2.5 kilometers in meters?

- A. 250
- B. 25000
- C. 0.25

D. 2500

102. A rectangle is 8 units long and 5 units wide. What is its perimeter?

A. 13

B. 26

C. 40

D. 80

103. A rectangle has length 12 cm and width 7 cm. What is its area?

A. 19

B. 84

C. 38

D. 168

104. A triangle has a base of 10 m and height of 6 m. What is its area?

A. 16

B. 60

C. 30

D. 80

105. A right triangle has legs 6 and 8. What is the hypotenuse?

A. 10

B. 12

C. 14

D. 48

106. What is the circumference of a circle with radius 4, using $\pi \approx 3.14$?

- A. 12.56
- B. 50.24
- C. 16.0
- D. 25.12

107. A rectangular prism measures 4 cm by 3 cm by 5 cm. What is its volume?

- A. 60
- B. 12
- C. 20
- D. 120

108. A tank holds 2.5 liters. How many milliliters is this?

- A. 250
- B. 2500
- C. 25000
- D. 25

109. What is the measure of a supplementary angle to 118° ?

- A. 52
- B. 72
- C. 118
- D. 62

110. A square has an area of 81 square units. What is its side length?

- A. 8
- B. 18
- C. 9
- D. 40.5

111. A bag contains 3 red, 2 blue, and 5 green marbles. What is the probability of selecting a blue marble?

- A. $\frac{1}{2}$
- B. $\frac{1}{5}$
- C. $\frac{2}{5}$
- D. $\frac{3}{10}$

112. What is the mean of 4, 6, 8, and 10?

- A. 6
- B. 7.5
- C. 8
- D. 7

113. What is the median of 3, 5, 7, 9, 11?

- A. 7
- B. 5
- C. 6
- D. 9

114. What is the range of 12, 18, 23, and 15?

- A. 8
- B. 15

- C. 11
- D. 23

115. A survey records 8, 10, 10, 12, and 15 responses. What is the mode?

- A. 8
- B. 10
- C. 11
- D. 15

116. A spinner has 8 equal sections, 3 of which are yellow. What is the probability of not landing on yellow?

- A. $\frac{3}{8}$
- B. $\frac{1}{2}$
- C. $\frac{5}{8}$
- D. $\frac{3}{5}$

117. Which graph is most appropriate for showing change in temperature over seven days?

- A. a line graph
- B. a pie chart
- C. a pictograph only
- D. a single bar

118. A population has values clustered closely around its mean. Which description fits?

- A. large outlier
- B. zero mean
- C. negative probability
- D. small spread

119. Estimate 49×21 by rounding each factor to the nearest ten.

- A. 1000
- B. 500
- C. 900
- D. 1200

120. A commuter vehicle travels 180 miles in 3 hours at a constant rate. What is its speed?

- A. 45
- B. 60
- C. 90
- D. 540

121. What is the next term in the pattern 2, 6, 18, 54, ...?

- A. 108
- B. 216
- C. 324
- D. 162

122. If all squares are rectangles and a figure is a square, what must be true?

- A. The figure is a circle.
- B. The figure has three sides.
- C. The figure is a rectangle.
- D. The figure is not a polygon.

123. Which equation represents 'five more than twice a number n is 17'?

- A. $2n + 5 = 17$
- B. $5n + 2 = 17$
- C. $2(n + 5) = 17$
- D. $2n - 5 = 17$

124. A shop sells 4 pens for \$3. What is the unit price per pen?

- A. 0.5
- B. 1.0
- C. 0.75
- D. 1.25

125. A number is increased by 15% from 80. What is the new value?

- A. 88
- B. 92
- C. 95
- D. 120

126. A area diagram scale shows 1 inch represents 12 miles. How many miles does 3.5 inches represent?

- A. 30
- B. 36
- C. 48
- D. 42

Practice Exam 16: Answer Key and Explanations

1. **A** — Postpone means to delay an activity until a later time. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.
2. **D** — Concise describes writing that is brief while still communicating the needed ideas. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.
3. **C** — Constructive feedback is useful because it offers a way to improve something. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.
4. **D** — Fragile means easily broken, harmed, or damaged. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting. Check each word, number, and relationship before selecting an answer.
5. **A** — Optimistic describes a hopeful expectation that a favorable result will occur. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.
6. **B** — A replica is a copy made to resemble an original object. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.
7. **C** — Sufficient means adequate or enough to meet a need. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.
8. **B** — Vivid language creates a strong mental picture for the reader. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.
9. **A** — Ambiguous wording allows multiple reasonable interpretations. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting. Check each word, number, and relationship before selecting an answer.
10. **D** — The paragraph focuses on several benefits that community gardens can provide. This choice follows from the stated information and task. The other options either change the meaning, ignore a key

detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

11. C — The details compare repeated short review with a single long session. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

12. A — Each supporting detail names a service other than book lending. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

13. D — The passage links bike lanes to bicycle use, traffic, and air quality. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

14. B — The paragraph explains how recording expenses and goals guides choices. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

15. D — The passage explains why repeated results can increase confidence. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

16. C — The details describe how a legend prevents misunderstanding. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting. Check each word, number, and relationship before selecting an answer.

17. B — The passage emphasizes information and convenience as supports for correct recycling. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

18. A — The paragraph explains that site conditions should guide the choice of tree. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

19. B — The notice gives practical details and an action residents should take. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or

apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

20. A — The writer makes a claim and supports it with reasons for action. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

21. C — The passage gives direct steps for readers to follow. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

22. D — The passage recounts events and activities rather than arguing or instructing. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

23. B — The word should and the proposed earlier trip show that the writer recommends a change. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

24. C — The negative phrase short-sighted shortcut reveals the writer's critical stance. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

25. D — The letter thanks the volunteer and recognizes the value of the work. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

26. A — The reviewer weighs positive features against a concern about cost. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

27. A — The sample excludes many residents, so it may not represent the full population. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

28. D — The report supports a cautious conclusion about a possible reduction in glare. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

29. B — Different groups can differ for reasons unrelated to the tutoring program. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

30. C — The claim wrongly treats a shared habit as the cause of success. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

31. B — A single long line may not show a continuing need for another cafeteria. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

32. C — A reported inspection finding can be checked, unlike value judgments. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

33. A — Sequence alone does not establish that one event caused the other. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

34. D — Locating the original source allows the reader to evaluate evidence and methods. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

35. B — The argument depends on an unstated funding plan. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting. Check each word, number, and relationship before selecting an answer.

36. C — A comparison group helps distinguish the routine's effect from other changes. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

37. A — Labels organize information so readers can identify the correct row and column efficiently. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

38. A — A good summary states the central idea without repeating every example. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

39. D — A bar graph clearly compares amounts across separate categories. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

40. C — The passage links an initial condition to results that followed from it. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

41. B — The legend defines the symbols used on a map. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

42. D — A process explanation should move logically from purpose through action and follow-up. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

43. C — The values establish an upward trend but do not prove a cause or predict the future. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

44. A — The summary preserves the passage's central recommendation without exaggerating it. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

45. B — The paragraph examines similarities and differences between two approaches. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

46. D — Formal communication uses respectful, precise language suited to the recipient. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

47. D — A strong thesis states a focused claim and previews reasons that can be developed. This choice follows from the stated information and task. The other options either change the meaning, ignore a key

detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

48. C — Nevertheless signals that the second statement occurred despite the difficulty described first. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

49. A — A dependent clause beginning with because needs an independent clause to form a complete sentence. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

50. B — The singular subject list requires the singular verb is. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

51. C — The opening phrase must clearly modify Luis, the person who was walking. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

52. D — The three verbs share the same grammatical form, creating a balanced series. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

53. A — The revision states the idea directly without unnecessary repetition or passive wording. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

54. B — A subject pronoun is required because Jordan and I are the subjects of the sentence. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

55. D — Hers is the possessive pronoun form and does not take an apostrophe. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

56. A — An introductory phrase is followed by a comma; no other comma is needed. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

57. B — A semicolon can join two closely related independent clauses without a coordinating conjunction. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

58. C — An adverb is needed to modify the verb worked; diligently is the correct form. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

59. A — Shorter is the correct comparative form for comparing two routes. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

60. C — Proper names and the month are capitalized, while aunt remains lowercase when not used as a name. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

61. D — Receive and committee are spelled correctly in the complete sentence. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

62. B — The supporting sentence directly explains a financial benefit of public transit. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

63. D — The sentence about television does not help develop the topic of interview preparation. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

64. B — Beginning with a definition and proceeding through process to benefits creates a logical sequence. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

65. A — Removing your prevents an unnecessary shift from third person to second person. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

66. C — Although accurately signals a contrast between crowding and peacefulness. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

67. D — No reason expresses the intended negative meaning without creating a double negative. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

68. B — The sentence gives a focused claim that the remaining paragraph can explain and support. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

69. A — Teachers' is plural possessive, indicating that the lounge belongs to multiple teachers. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

70. D — A colon properly introduces a list that follows a complete independent clause. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

71. C — Specific nouns and verbs clearly identify what was observed and recorded. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

72. B — A coordinating conjunction with a comma correctly joins the two independent clauses. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

73. C — Had completed indicates an action finished before a specified past time. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

74. A — Naming Mia removes ambiguity about which person was nervous. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

75. D — Commas separate items in a series, including the final item after and. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

76. A — The evidence is relevant because it directly connects regular walking with reported stress levels. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

77. B — The conclusion restates the central implication without introducing an unrelated detail. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

78. C — Careful is an adjective that correctly modifies the noun technician. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

79. B — Final outcome communicates the intended idea without repeating the same meaning unnecessarily. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

80. D — The revision makes the relationship between the two ideas clear and logical. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

81. A — The plural subject volunteers requires the plural helping verb have and the past participle completed. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

82. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

83. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

84. D — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

85. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

86. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

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88. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

89. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

90. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

91. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

92. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

93. D — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

94. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

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97. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

98. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

99. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

100. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

101. D — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

102. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

103. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

104. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

105. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

106. D — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

107. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

108. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

109. D — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

110. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

111. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

112. D — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

113. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

114. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

115. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

116. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

117. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

118. D — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

119. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

120. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

121. D — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

122. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

123. A — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

124. C — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

125. B — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.

126. D — The calculation or mathematical relationship determines one exact result. This choice follows from the stated information and task. The other options either change the meaning, ignore a key detail, or apply a rule that does not fit the context. Review every detail and compare choices to the prompt before selecting.