

# **PRACTICE EXAM 5: TX PACT ESSENTIAL ACADEMIC SKILLS (700) (126 QUESTIONS)**

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*This 126-question practice exam provides broad practice in reading, writing and language, and mathematics. Select the best answer for each question. Use the answer key and explanations after completing the test to review your reasoning and identify skills for further study.*

1. A report about a public transit survey gives attendance data, quotes participants, and describes next steps. Which is the most effective summary?

- A. The report proves every program should expand.
- B. The report focuses only on one participant.
- C. The report criticizes the data collection process.
- D. The report explains the program's progress and plans.

2. An author claims that a neighborhood arts program benefits residents. Which evidence best supports that claim?

- A. The report used blue headings.
- B. The author interviewed a former employee.
- C. Survey responses showed that residents used the service regularly.
- D. The program opened on a Monday.

3. In a passage, a proposal is described as 'sustainable' because it can continue with limited resources. What does sustainable mean?

- A. Able to continue over time
- B. Difficult to explain clearly
- C. Designed for one occasion

D. Unrelated to available resources

4. A writer compares two approaches to a science fair project, identifies strengths of each, and recommends combining them. What is the writer's purpose?

- A. To tell a fictional story
- B. To define technical vocabulary
- C. To list events by date
- D. To evaluate options and propose a solution

5. A passage notes that use of a volunteer health clinic rose after translations were added. What inference is best supported?

- A. All participants preferred printed materials.
- B. The program had removed its staff.
- C. Language access helped some people participate.
- D. Translations reduced the number of services.

6. Which source is most credible for a report about a local program's enrollment?

- A. An anonymous online comment
- B. The program's published enrollment records
- C. An advertisement without data
- D. A rumor repeated by a visitor

7. A report about a student newspaper gives attendance data, quotes participants, and describes next steps. Which is the most effective summary?

- A. The report explains the program's progress and plans.
- B. The report proves every program should expand.
- C. The report focuses only on one participant.

D. The report criticizes the data collection process.

**8.** An author claims that a public transit survey benefits residents. Which evidence best supports that claim?

A. The report used blue headings.

B. The author interviewed a former employee.

C. Survey responses showed that residents used the service regularly.

D. The program opened on a Monday.

**9.** In a passage, a proposal is described as 'sustainable' because it can continue with limited resources. What does sustainable mean?

A. Difficult to explain clearly

B. Able to continue over time

C. Designed for one occasion

D. Unrelated to available resources

**10.** A writer compares two approaches to a campus food pantry, identifies strengths of each, and recommends combining them. What is the writer's purpose?

A. To tell a fictional story

B. To define technical vocabulary

C. To list events by date

D. To evaluate options and propose a solution

**11.** A passage notes that use of a science fair project rose after translations were added. What inference is best supported?

A. All participants preferred printed materials.

B. The program had removed its staff.

- C. Translations reduced the number of services.
- D. Language access helped some people participate.

**12.** Which source is most credible for a report about a local program's enrollment?

- A. An anonymous online comment
- B. The program's published enrollment records
- C. An advertisement without data
- D. A rumor repeated by a visitor

**13.** A report about a park restoration plan gives attendance data, quotes participants, and describes next steps. Which is the most effective summary?

- A. The report explains the program's progress and plans.
- B. The report proves every program should expand.
- C. The report focuses only on one participant.
- D. The report criticizes the data collection process.

**14.** An author claims that a student newspaper benefits residents. Which evidence best supports that claim?

- A. The report used blue headings.
- B. The author interviewed a former employee.
- C. Survey responses showed that residents used the service regularly.
- D. The program opened on a Monday.

**15.** In a passage, a proposal is described as 'sustainable' because it can continue with limited resources. What does sustainable mean?

- A. Able to continue over time
- B. Difficult to explain clearly

- C. Designed for one occasion
- D. Unrelated to available resources

**16.** A writer compares two approaches to a neighborhood arts program, identifies strengths of each, and recommends combining them. What is the writer's purpose?

- A. To tell a fictional story
- B. To define technical vocabulary
- C. To evaluate options and propose a solution
- D. To list events by date

**17.** A passage notes that use of a campus food pantry rose after translations were added. What inference is best supported?

- A. All participants preferred printed materials.
- B. The program had removed its staff.
- C. Translations reduced the number of services.
- D. Language access helped some people participate.

**18.** Which source is most credible for a report about a local program's enrollment?

- A. An anonymous online comment
- B. The program's published enrollment records
- C. An advertisement without data
- D. A rumor repeated by a visitor

**19.** A report about a volunteer health clinic gives attendance data, quotes participants, and describes next steps. Which is the most effective summary?

- A. The report proves every program should expand.
- B. The report focuses only on one participant.

- C. The report criticizes the data collection process.
- D. The report explains the program's progress and plans.

**20.** An author claims that a park restoration plan benefits residents. Which evidence best supports that claim?

- A. The report used blue headings.
- B. Survey responses showed that residents used the service regularly.
- C. The author interviewed a former employee.
- D. The program opened on a Monday.

**21.** In a passage, a proposal is described as 'sustainable' because it can continue with limited resources. What does sustainable mean?

- A. Able to continue over time
- B. Difficult to explain clearly
- C. Designed for one occasion
- D. Unrelated to available resources

**22.** A writer compares two approaches to a public transit survey, identifies strengths of each, and recommends combining them. What is the writer's purpose?

- A. To tell a fictional story
- B. To define technical vocabulary
- C. To evaluate options and propose a solution
- D. To list events by date

**23.** A passage notes that use of a neighborhood arts program rose after translations were added. What inference is best supported?

- A. All participants preferred printed materials.

- B. The program had removed its staff.
- C. Language access helped some people participate.
- D. Translations reduced the number of services.

**24.** Which source is most credible for a report about a local program's enrollment?

- A. An anonymous online comment
- B. The program's published enrollment records
- C. An advertisement without data
- D. A rumor repeated by a visitor

**25.** A report about a science fair project gives attendance data, quotes participants, and describes next steps. Which is the most effective summary?

- A. The report explains the program's progress and plans.
- B. The report proves every program should expand.
- C. The report focuses only on one participant.
- D. The report criticizes the data collection process.

**26.** An author claims that a volunteer health clinic benefits residents. Which evidence best supports that claim?

- A. The report used blue headings.
- B. The author interviewed a former employee.
- C. The program opened on a Monday.
- D. Survey responses showed that residents used the service regularly.

**27.** In a passage, a proposal is described as 'sustainable' because it can continue with limited resources. What does sustainable mean?

- A. Difficult to explain clearly

- B. Able to continue over time
- C. Designed for one occasion
- D. Unrelated to available resources

**28.** A writer compares two approaches to a student newspaper, identifies strengths of each, and recommends combining them. What is the writer's purpose?

- A. To evaluate options and propose a solution
- B. To tell a fictional story
- C. To define technical vocabulary
- D. To list events by date

**29.** A passage notes that use of a public transit survey rose after translations were added. What inference is best supported?

- A. All participants preferred printed materials.
- B. The program had removed its staff.
- C. Translations reduced the number of services.
- D. Language access helped some people participate.

**30.** Which source is most credible for a report about a local program's enrollment?

- A. An anonymous online comment
- B. An advertisement without data
- C. The program's published enrollment records
- D. A rumor repeated by a visitor

**31.** A report about a campus food pantry gives attendance data, quotes participants, and describes next steps. Which is the most effective summary?

- A. The report proves every program should expand.

- B. The report focuses only on one participant.
- C. The report explains the program's progress and plans.
- D. The report criticizes the data collection process.

**32.** An author claims that a science fair project benefits residents. Which evidence best supports that claim?

- A. The report used blue headings.
- B. The author interviewed a former employee.
- C. The program opened on a Monday.
- D. Survey responses showed that residents used the service regularly.

**33.** In a passage, a proposal is described as 'sustainable' because it can continue with limited resources. What does sustainable mean?

- A. Able to continue over time
- B. Difficult to explain clearly
- C. Designed for one occasion
- D. Unrelated to available resources

**34.** A writer compares two approaches to a park restoration plan, identifies strengths of each, and recommends combining them. What is the writer's purpose?

- A. To tell a fictional story
- B. To evaluate options and propose a solution
- C. To define technical vocabulary
- D. To list events by date

**35.** A passage notes that use of a student newspaper rose after translations were added. What inference is best supported?

- A. All participants preferred printed materials.
- B. The program had removed its staff.
- C. Translations reduced the number of services.
- D. Language access helped some people participate.

**36.** Which source is most credible for a report about a local program's enrollment?

- A. An anonymous online comment
- B. The program's published enrollment records
- C. An advertisement without data
- D. A rumor repeated by a visitor

**37.** A report about a neighborhood arts program gives attendance data, quotes participants, and describes next steps. Which is the most effective summary?

- A. The report proves every program should expand.
- B. The report focuses only on one participant.
- C. The report explains the program's progress and plans.
- D. The report criticizes the data collection process.

**38.** An author claims that a campus food pantry benefits residents. Which evidence best supports that claim?

- A. Survey responses showed that residents used the service regularly.
- B. The report used blue headings.
- C. The author interviewed a former employee.
- D. The program opened on a Monday.

**39.** In a passage, a proposal is described as 'sustainable' because it can continue with limited resources. What does sustainable mean?

- A. Difficult to explain clearly
- B. Designed for one occasion
- C. Able to continue over time
- D. Unrelated to available resources

**40.** A writer compares two approaches to a volunteer health clinic, identifies strengths of each, and recommends combining them. What is the writer's purpose?

- A. To evaluate options and propose a solution
- B. To tell a fictional story
- C. To define technical vocabulary
- D. To list events by date

**41.** A passage notes that use of a park restoration plan rose after translations were added. What inference is best supported?

- A. All participants preferred printed materials.
- B. Language access helped some people participate.
- C. The program had removed its staff.
- D. Translations reduced the number of services.

**42.** Which source is most credible for a report about a local program's enrollment?

- A. An anonymous online comment
- B. An advertisement without data
- C. A rumor repeated by a visitor
- D. The program's published enrollment records

**43.** Which sentence uses a colon correctly?

- A. The workshop: addressed three topics, budgeting, scheduling, and outreach.

- B. The workshop addressed three topics: budgeting, scheduling, and outreach.
- C. The workshop addressed: three topics budgeting, scheduling, and outreach.
- D. The workshop addressed three: topics budgeting, scheduling, and outreach.

**44.** Choose the sentence with correct parallel structure.

- A. The team planned, practiced, and was presenting its proposal.
- B. The team planning, practiced, and presented its proposal.
- C. The team planned, practiced, and presented its proposal.
- D. The team planned, to practice, and presented its proposal.

**45.** Which revision corrects the run-on sentence?

- A. The class finished the draft the teacher collected it.
- B. The class finished; the draft, the teacher collected it.
- C. The class finished the draft because, the teacher collected it.
- D. The class finished the draft, and the teacher collected it.

**46.** Which sentence uses apostrophes correctly?

- A. The teachers' meeting lasted forty minutes.
- B. The teachers meeting lasted forty minutes.
- C. The teacher's meeting lasted forty minutes.
- D. The teachers's meeting lasted forty minutes.

**47.** Which transition best completes the relationship? The data were incomplete. \_\_\_\_, the committee delayed its decision.

- A. For example
- B. Meanwhile
- C. Similarly

D. Therefore

**48.** Which sentence maintains a formal tone?

- A. The committee is totally going to check out the proposal.
- B. The committee will review the proposal next week.
- C. The committee thinks the proposal is pretty cool.
- D. The committee will give the proposal a quick look-see.

**49.** Which sentence uses a colon correctly?

- A. The workshop: addressed three topics, budgeting, scheduling, and outreach.
- B. The workshop addressed: three topics budgeting, scheduling, and outreach.
- C. The workshop addressed three topics: budgeting, scheduling, and outreach.
- D. The workshop addressed three: topics budgeting, scheduling, and outreach.

**50.** Choose the sentence with correct parallel structure.

- A. The team planned, practiced, and presented its proposal.
- B. The team planned, practiced, and was presenting its proposal.
- C. The team planning, practiced, and presented its proposal.
- D. The team planned, to practice, and presented its proposal.

**51.** Which revision corrects the run-on sentence?

- A. The class finished the draft the teacher collected it.
- B. The class finished the draft, and the teacher collected it.
- C. The class finished; the draft, the teacher collected it.
- D. The class finished the draft because, the teacher collected it.

**52.** Which sentence uses apostrophes correctly?

- A. The teachers' meeting lasted forty minutes.
- B. The teachers meeting lasted forty minutes.
- C. The teacher's meeting lasted forty minutes.
- D. The teachers's meeting lasted forty minutes.

**53.** Which transition best completes the relationship? The data were incomplete. \_\_\_\_, the committee delayed its decision.

- A. For example
- B. Meanwhile
- C. Therefore
- D. Similarly

**54.** Which sentence maintains a formal tone?

- A. The committee is totally going to check out the proposal.
- B. The committee thinks the proposal is pretty cool.
- C. The committee will give the proposal a quick look-see.
- D. The committee will review the proposal next week.

**55.** Which sentence uses a colon correctly?

- A. The workshop: addressed three topics, budgeting, scheduling, and outreach.
- B. The workshop addressed: three topics budgeting, scheduling, and outreach.
- C. The workshop addressed three: topics budgeting, scheduling, and outreach.
- D. The workshop addressed three topics: budgeting, scheduling, and outreach.

**56.** Choose the sentence with correct parallel structure.

- A. The team planned, practiced, and was presenting its proposal.
- B. The team planning, practiced, and presented its proposal.
- C. The team planned, practiced, and presented its proposal.
- D. The team planned, to practice, and presented its proposal.

**57.** Which revision corrects the run-on sentence?

- A. The class finished the draft, and the teacher collected it.
- B. The class finished the draft the teacher collected it.
- C. The class finished; the draft, the teacher collected it.
- D. The class finished the draft because, the teacher collected it.

**58.** Which sentence uses apostrophes correctly?

- A. The teachers meeting lasted forty minutes.
- B. The teachers' meeting lasted forty minutes.
- C. The teacher's meeting lasted forty minutes.
- D. The teachers's meeting lasted forty minutes.

**59.** Which transition best completes the relationship? The data were incomplete. \_\_\_\_, the committee delayed its decision.

- A. For example
- B. Therefore
- C. Meanwhile
- D. Similarly

**60.** Which sentence maintains a formal tone?

- A. The committee will review the proposal next week.
- B. The committee is totally going to check out the proposal.
- C. The committee thinks the proposal is pretty cool.
- D. The committee will give the proposal a quick look-see.

**61.** Which sentence uses a colon correctly?

- A. The workshop: addressed three topics, budgeting, scheduling, and outreach.
- B. The workshop addressed: three topics budgeting, scheduling, and outreach.
- C. The workshop addressed three: topics budgeting, scheduling, and outreach.
- D. The workshop addressed three topics: budgeting, scheduling, and outreach.

**62.** Choose the sentence with correct parallel structure.

- A. The team planned, practiced, and was presenting its proposal.
- B. The team planning, practiced, and presented its proposal.
- C. The team planned, practiced, and presented its proposal.
- D. The team planned, to practice, and presented its proposal.

**63.** Which revision corrects the run-on sentence?

- A. The class finished the draft the teacher collected it.
- B. The class finished the draft, and the teacher collected it.
- C. The class finished; the draft, the teacher collected it.
- D. The class finished the draft because, the teacher collected it.

**64.** Which sentence uses apostrophes correctly?

- A. The teachers' meeting lasted forty minutes.
- B. The teachers meeting lasted forty minutes.
- C. The teacher's meeting lasted forty minutes.

D. The teachers's meeting lasted forty minutes.

**65.** Which transition best completes the relationship? The data were incomplete. \_\_\_\_, the committee delayed its decision.

- A. For example
- B. Meanwhile
- C. Therefore
- D. Similarly

**66.** Which sentence maintains a formal tone?

- A. The committee is totally going to check out the proposal.
- B. The committee thinks the proposal is pretty cool.
- C. The committee will give the proposal a quick look-see.
- D. The committee will review the proposal next week.

**67.** Which sentence uses a colon correctly?

- A. The workshop: addressed three topics, budgeting, scheduling, and outreach.
- B. The workshop addressed: three topics budgeting, scheduling, and outreach.
- C. The workshop addressed three topics: budgeting, scheduling, and outreach.
- D. The workshop addressed three: topics budgeting, scheduling, and outreach.

**68.** Choose the sentence with correct parallel structure.

- A. The team planned, practiced, and presented its proposal.
- B. The team planned, practiced, and was presenting its proposal.
- C. The team planning, practiced, and presented its proposal.
- D. The team planned, to practice, and presented its proposal.

**69.** Which revision corrects the run-on sentence?

- A. The class finished the draft the teacher collected it.
- B. The class finished; the draft, the teacher collected it.
- C. The class finished the draft because, the teacher collected it.
- D. The class finished the draft, and the teacher collected it.

**70.** Which sentence uses apostrophes correctly?

- A. The teachers meeting lasted forty minutes.
- B. The teachers' meeting lasted forty minutes.
- C. The teacher's meeting lasted forty minutes.
- D. The teachers's meeting lasted forty minutes.

**71.** Which transition best completes the relationship? The data were incomplete. \_\_\_\_, the committee delayed its decision.

- A. For example
- B. Meanwhile
- C. Therefore
- D. Similarly

**72.** Which sentence maintains a formal tone?

- A. The committee is totally going to check out the proposal.
- B. The committee thinks the proposal is pretty cool.
- C. The committee will give the proposal a quick look-see.
- D. The committee will review the proposal next week.

**73.** Which sentence uses a colon correctly?

- A. The workshop addressed three topics: budgeting, scheduling, and outreach.
- B. The workshop: addressed three topics, budgeting, scheduling, and outreach.
- C. The workshop addressed: three topics budgeting, scheduling, and outreach.
- D. The workshop addressed three: topics budgeting, scheduling, and outreach.

**74.** Choose the sentence with correct parallel structure.

- A. The team planned, practiced, and was presenting its proposal.
- B. The team planned, practiced, and presented its proposal.
- C. The team planning, practiced, and presented its proposal.
- D. The team planned, to practice, and presented its proposal.

**75.** Which revision corrects the run-on sentence?

- A. The class finished the draft the teacher collected it.
- B. The class finished the draft, and the teacher collected it.
- C. The class finished; the draft, the teacher collected it.
- D. The class finished the draft because, the teacher collected it.

**76.** Which sentence uses apostrophes correctly?

- A. The teachers meeting lasted forty minutes.
- B. The teacher's meeting lasted forty minutes.
- C. The teachers's meeting lasted forty minutes.
- D. The teachers' meeting lasted forty minutes.

**77.** Which transition best completes the relationship? The data were incomplete. \_\_\_\_, the committee delayed its decision.

- A. Therefore
- B. For example
- C. Meanwhile
- D. Similarly

**78.** Which sentence maintains a formal tone?

- A. The committee is totally going to check out the proposal.
- B. The committee thinks the proposal is pretty cool.
- C. The committee will review the proposal next week.
- D. The committee will give the proposal a quick look-see.

**79.** Which sentence uses a colon correctly?

- A. The workshop: addressed three topics, budgeting, scheduling, and outreach.
- B. The workshop addressed: three topics budgeting, scheduling, and outreach.
- C. The workshop addressed three: topics budgeting, scheduling, and outreach.
- D. The workshop addressed three topics: budgeting, scheduling, and outreach.

**80.** Choose the sentence with correct parallel structure.

- A. The team planned, practiced, and was presenting its proposal.
- B. The team planned, practiced, and presented its proposal.
- C. The team planning, practiced, and presented its proposal.
- D. The team planned, to practice, and presented its proposal.

**81.** Which revision corrects the run-on sentence?

- A. The class finished the draft, and the teacher collected it.
- B. The class finished the draft the teacher collected it.
- C. The class finished; the draft, the teacher collected it.

D. The class finished the draft because, the teacher collected it.

**82.** Which sentence uses apostrophes correctly?

- A. The teachers meeting lasted forty minutes.
- B. The teacher's meeting lasted forty minutes.
- C. The teachers' meeting lasted forty minutes.
- D. The teachers's meeting lasted forty minutes.

**83.** Which transition best completes the relationship? The data were incomplete. \_\_\_\_, the committee delayed its decision.

- A. Therefore
- B. For example
- C. Meanwhile
- D. Similarly

**84.** Which sentence maintains a formal tone?

- A. The committee is totally going to check out the proposal.
- B. The committee thinks the proposal is pretty cool.
- C. The committee will review the proposal next week.
- D. The committee will give the proposal a quick look-see.

**85.** What is 10% of 80?

- A. 13
- B. 4
- C. 18
- D. 8

**86.** If  $y = 2x + 5$  and  $x = 4$ , what is  $y$ ?

- A. 11
- B. 13
- C. 16
- D. 18

**87.** A rectangle has length 6 units and width 9 units. What is its area?

- A. 54
- B. 60
- C. 45
- D. 72

**88.** What is 25% of 95?

- A. 28.75
- B. 23.75
- C. 19.75
- D. 33.75

**89.** If  $y = 2x + 5$  and  $x = 7$ , what is  $y$ ?

- A. 17
- B. 22
- C. 19
- D. 24

**90.** A rectangle has length 9 units and width 7 units. What is its area?

- A. 72
- B. 56
- C. 77
- D. 63

**91.** What is 15% of 110?

- A. 21.5
- B. 12.5
- C. 26.5
- D. 16.5

**92.** If  $y = 2x + 5$  and  $x = 3$ , what is  $y$ ?

- A. 11
- B. 9
- C. 14
- D. 16

**93.** A rectangle has length 6 units and width 10 units. What is its area?

- A. 66
- B. 50
- C. 60
- D. 80

**94.** What is 30% of 125?

- A. 42.5
- B. 37.5
- C. 33.5

D. 47.5

**95.** If  $y = 2x + 5$  and  $x = 6$ , what is  $y$ ?

A. 15

B. 17

C. 20

D. 22

**96.** A rectangle has length 9 units and width 8 units. What is its area?

A. 81

B. 64

C. 72

D. 88

**97.** What is 20% of 140?

A. 33

B. 24

C. 38

D. 28

**98.** If  $y = 2x + 5$  and  $x = 9$ , what is  $y$ ?

A. 23

B. 21

C. 26

D. 28

**99.** A rectangle has length 6 units and width 11 units. What is its area?

- A. 72
- B. 55
- C. 66
- D. 88

**100.** What is 10% of 155?

- A. 15.5
- B. 20.5
- C. 11.5
- D. 25.5

**101.** If  $y = 2x + 5$  and  $x = 5$ , what is  $y$ ?

- A. 13
- B. 15
- C. 18
- D. 20

**102.** A rectangle has length 9 units and width 9 units. What is its area?

- A. 90
- B. 72
- C. 99
- D. 81

**103.** What is 25% of 170?

- A. 42.5
- B. 47.5
- C. 38.5
- D. 52.5

**104.** If  $y = 2x + 5$  and  $x = 8$ , what is  $y$ ?

- A. 19
- B. 24
- C. 26
- D. 21

**105.** A rectangle has length 6 units and width 7 units. What is its area?

- A. 48
- B. 35
- C. 42
- D. 56

**106.** What is 15% of 185?

- A. 32.75
- B. 27.75
- C. 23.75
- D. 37.75

**107.** If  $y = 2x + 5$  and  $x = 4$ , what is  $y$ ?

- A. 11
- B. 16
- C. 18

D. 13

**108.** A rectangle has length 9 units and width 10 units. What is its area?

A. 90

B. 99

C. 80

D. 110

**109.** What is 30% of 200?

A. 65

B. 56

C. 60

D. 70

**110.** If  $y = 2x + 5$  and  $x = 7$ , what is  $y$ ?

A. 17

B. 19

C. 22

D. 24

**111.** A rectangle has length 6 units and width 8 units. What is its area?

A. 54

B. 40

C. 48

D. 64

**112.** What is 20% of 215?

- A. 48
- B. 39
- C. 53
- D. 43

**113.** If  $y = 2x + 5$  and  $x = 3$ , what is  $y$ ?

- A. 9
- B. 11
- C. 14
- D. 16

**114.** A rectangle has length 9 units and width 11 units. What is its area?

- A. 99
- B. 108
- C. 88
- D. 121

**115.** What is 10% of 230?

- A. 28
- B. 23
- C. 19
- D. 33

**116.** If  $y = 2x + 5$  and  $x = 6$ , what is  $y$ ?

- A. 15
- B. 20
- C. 17
- D. 22

**117.** A rectangle has length 6 units and width 9 units. What is its area?

- A. 54
- B. 60
- C. 45
- D. 72

**118.** What is 25% of 245?

- A. 66.25
- B. 57.25
- C. 71.25
- D. 61.25

**119.** If  $y = 2x + 5$  and  $x = 9$ , what is  $y$ ?

- A. 21
- B. 26
- C. 28
- D. 23

**120.** A rectangle has length 9 units and width 7 units. What is its area?

- A. 72
- B. 56
- C. 63

D. 77

**121.** What is 15% of 260?

A. 39

B. 44

C. 35

D. 49

**122.** If  $y = 2x + 5$  and  $x = 5$ , what is  $y$ ?

A. 13

B. 15

C. 18

D. 20

**123.** A rectangle has length 6 units and width 10 units. What is its area?

A. 60

B. 66

C. 50

D. 80

**124.** What is 30% of 275?

A. 87.5

B. 82.5

C. 78.5

D. 92.5

125. If  $y = 2x + 5$  and  $x = 8$ , what is  $y$ ?

- A. 19
- B. 24
- C. 21
- D. 26

126. A rectangle has length 9 units and width 8 units. What is its area?

- A. 81
- B. 64
- C. 88
- D. 72

## Practice Exam 5: Answer Key and Explanations

**1. D** — The details present evidence about current results and future actions, so a concise progress-and-plans summary is accurate. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**2. C** — Regular-use survey data directly shows that residents received and used the claimed benefit. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**3. A** — The context defines sustainable through continued operation with limited resources, not through difficulty or temporary use. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

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**6. B** — Official enrollment records are directly relevant primary evidence, unlike opinion, advertising, or unverified rumor. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

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**47. D** — Therefore signals that the delayed decision follows logically from incomplete data. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

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**86. B** — Substitute the given value for  $x$  into the expression, then multiply before adding according to the order of operations. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**87. A** — The area of a rectangle equals length multiplied by width, so multiply the two stated side lengths. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

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**109. C** — Convert the percent to a fraction of one hundred and multiply by the whole amount to find the requested part. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**110. B** — Substitute the given value for  $x$  into the expression, then multiply before adding according to the order of operations. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**111. C** — The area of a rectangle equals length multiplied by width, so multiply the two stated side lengths. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**112. D** — Convert the percent to a fraction of one hundred and multiply by the whole amount to find the requested part. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**113. B** — Substitute the given value for  $x$  into the expression, then multiply before adding according to the order of operations. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**114. A** — The area of a rectangle equals length multiplied by width, so multiply the two stated side lengths. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**115. B** — Convert the percent to a fraction of one hundred and multiply by the whole amount to find the requested part. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**116. C** — Substitute the given value for  $x$  into the expression, then multiply before adding according to the order of operations. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**117. A** — The area of a rectangle equals length multiplied by width, so multiply the two stated side lengths. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**118. D** — Convert the percent to a fraction of one hundred and multiply by the whole amount to find the requested part. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**119. D** — Substitute the given value for  $x$  into the expression, then multiply before adding according to the order of operations. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**120. C** — The area of a rectangle equals length multiplied by width, so multiply the two stated side lengths. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**121. A** — Convert the percent to a fraction of one hundred and multiply by the whole amount to find the requested part. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**122. B** — Substitute the given value for  $x$  into the expression, then multiply before adding according to the order of operations. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**123. A** — The area of a rectangle equals length multiplied by width, so multiply the two stated side lengths. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**124. B** — Convert the percent to a fraction of one hundred and multiply by the whole amount to find the requested part. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**125. C** — Substitute the given value for  $x$  into the expression, then multiply before adding according to the order of operations. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.

**126. D** — The area of a rectangle equals length multiplied by width, so multiply the two stated side lengths. The correct answer fits the specific skill and uses only information supplied by the prompt. The distractors may sound related, but each either overlooks a key detail, makes an unsupported claim, or applies the wrong process. Careful checking prevents errors.