

INSTRUCTIONAL ASSISTANT SAMPLE TEST BOOKLET

This sample test booklet was prepared to help you familiarize yourself with the new written exam for the Instructional Assistant. The new test has three sections: Ability to Assist in Instruction, English – Language Arts, and Mathematics.

Please note: Although the items in this booklet are a representative sample of each section, this booklet may not contain samples of every type of item that may be on the actual exam.

ABILITY TO ASSIST IN INSTRUCTION

1. The main difference between teaching students age 5 and students age 14 is:
 - A. older students require more sleep.
 - B. younger students learn complex concepts more quickly.
 - C. younger students need more explanation to learn the same concept.
 - D. older students need more pictures to learn.

2. Students respond better to:
 - A. punishment.
 - B. praise.
 - C. yelling.
 - D. ignoring.

3. If a student complains to you about another one pestering him or her, you should
 - A. ignore the event.
 - B. talk only to the complaining student.
 - C. talk to both students involved.
 - D. send both students to the office.

4. If a parent comes in the class without permission, you should:
 - A. ask the parent to leave immediately.
 - B. inquire about the parent being there.
 - C. immediately call the principal.
 - D. let the teacher handle the situation.

5. Discipline action:
 - A. should be applied sporadically.
 - B. is not necessary in teaching students.
 - C. is illegal in a school setting.
 - D. should be applied consistently.

ENGLISH – LANGUAGE ARTS

1. Read the following paragraph and answer the question below it.

The student population at Sun Valley School District has increased significantly in the last two years, requiring the hiring of 23 new teachers, 6 new administrators, and 1 new principal. In addition, two new resource buildings have been built to accommodate more students needing assistance in mathematics and writing skills. So far, the school district has received about two million dollars to accommodate its current growth.

According to this paragraph:

- A. the student population will continue to increase for 2 more years.
 - B. the two new resource buildings cost about two million dollars to build.
 - C. the ratio of teachers to principals in the entire district is 23 to 1.
 - D. the Sun Valley School District has been growing in the last two years.
2. Read the following paragraph and answer the question below it.

Although rock climbing seems to be all about strength, brute strength is less important than the ratio of strength to weight, the factor that allows an ant to carry a potato chip. This factor also explains why a women can compete on equal footing with men in rock climbing competitions.

The MAIN idea of this paragraph is

- A. An ant typically weighs more than a potato chip.
 - B. Rock climbing requires mostly brute strength.
 - C. In rock climbing, women and men are comparable.
 - D. Men are always stronger than women.
3. Select the word(s) that correctly complete(s) the sentence.

The Williams family _____ on vacation since last week.

- A. has been
- B. have been
- C. went
- D. are

4. Select the group of words that correctly completes the sentence.

Running _____.

- A. to make you more healthy
- B. without hurting yourself
- C. a very healthy endeavor
- D. can lower stress

5. Select the group of words that correctly completes the sentence.

The football team _____.

- A. a world champion
- B. rivals any other team
- C. to win most of its games
- D. without its star player

6. Choose the sentence with the correct spelling, punctuation, and capitalization.

- A. These kind of food is delicious but fattening.
- B. John, between you and me, I think Fords are better cars than Chevys.
- C. The board of directors has decided their new CEO.
- D. I felt badly about being late to our meeting.

7. Choose the sentence with the correct spelling, punctuation, and capitalization.

- A. By December 16th, the project will be completed.
- B. Joe asked whom was coming to see us.
- C. It was the worse mistake he ever made.
- D. The student took two math coarses.

8. Find the word that is inappropriate in the paragraph below.

"In our increasingly demanding world, the people who succeed are the ones who can exploit, manage, and complete challenging projects. They will be the ones who know how to create a vision that engages everyone involved in the project."

- A. vision
- B. engages
- C. exploit
- D. involved

MATHEMATICS

1. Fred made $\frac{1}{8}$ of the widgets at work. If there were 32 widgets, how many did Fred make?

- A. 4
- B. 6
- C. 8
- D. 10

2. 20% of 45 is

- A. 8
- B. 9
- C. 10
- D. 11

3. $a^5 / a^3 =$

- A. a^2
- B. a^5
- C. a^8
- D. a^{15}

4. Simplify:

$$6x - 8y^2 + 9y^2 - 4x$$

- A. $-y^2 - 2x$
- B. $-2xy^2$
- C. $y^2 + 2x$
- D. $y^2 + x$

5. Factor the following trinomial:

$$y^2 + 8y + 15$$

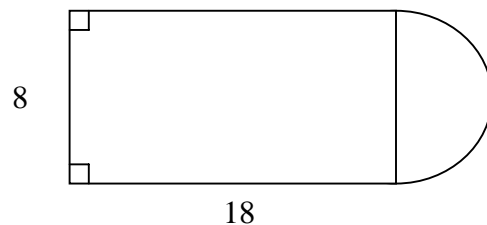
- A. $(y+3)(y-5)$
- B. $(y+3)(y+5)$
- C. $(y-3)(y+5)$
- D. $(y-3)(y-5)$

6. Which one of the following is equivalent to the equation shown below?

$$\frac{7}{x} = \frac{12}{x-9}$$

- A. $x(x-9) = 84$
- B. $7x = 12(x-9)$
- C. $19 = x(x-9)$
- D. $7(x-9) = 12x$

7. Find the area of the following figure. (Area of a circle = πr^2 ; $\pi = 3.14$)



- A. 145.57
- B. 156.56
- C. 169.12
- D. 194.24

8. What is the area of a triangle whose base is 6', two sides are 3', and height is 4'?
($A = \frac{1}{2}bh$)

- A. 10
- B. 11
- C. 12
- D. 14

9. What is the average of the following numbers: 16, 37, 55, 66, 71.

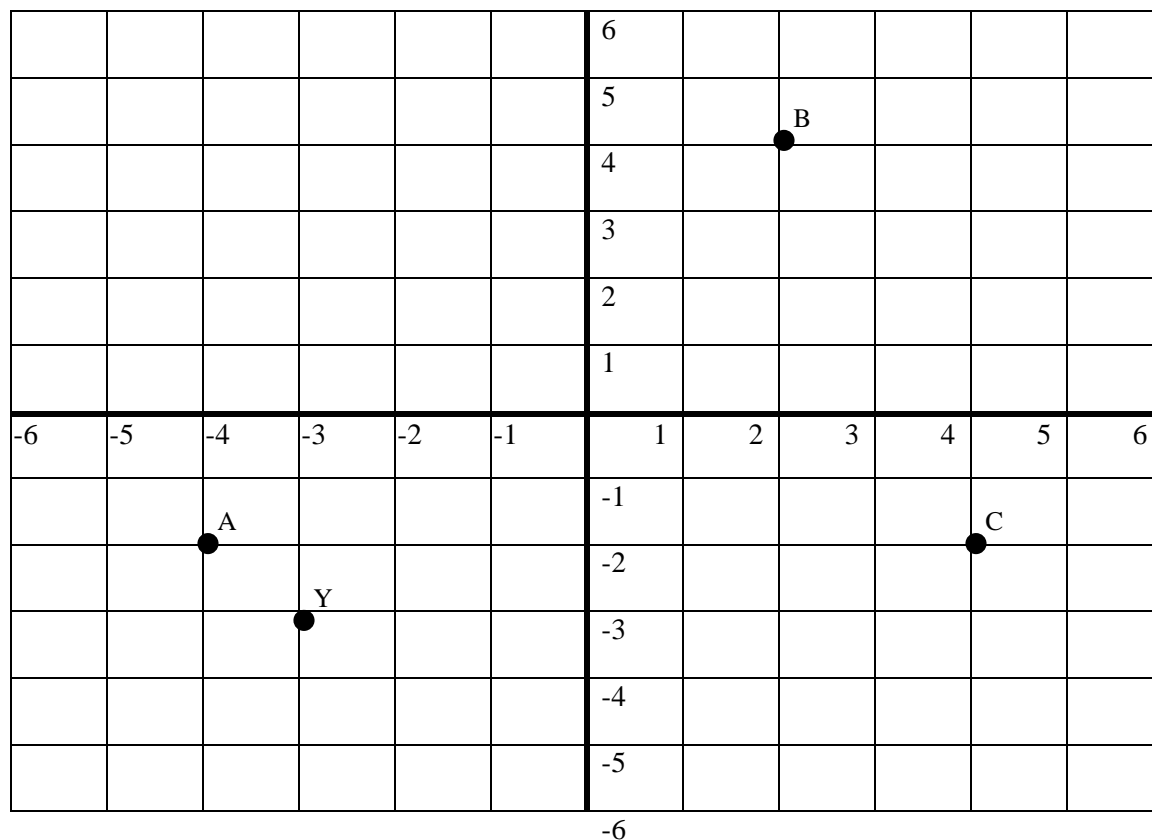
- A. 40.8
- B. 49.0
- C. 55.6
- D. 61.5

10. What is the probability of randomly selecting a king from a deck of cards?

- A. $\frac{1}{52}$
- B. $\frac{2}{52}$
- C. $\frac{4}{52}$
- D. $\frac{8}{52}$

Use the graph to answer questions 11 - 12.

GRID GRAPH



11. Use the Grid Graph to locate the coordinates of point A

- A. (-2, -4)
- B. (-4, -2)
- C. (4, 2)
- D. (2, 4)

12. Use the Grid Graph to locate the coordinates of point B

- A. (-4, 2)
- B. (2, -4)
- C. (4, 2)
- D. (2, 4)

ANSWERS

Ability to Assist in Instruction

1. C
2. B
3. C
4. D
5. D

English – Language Arts

1. D
2. C
3. A
4. D
5. B
6. B
7. A
8. C

Mathematics

1. A
2. B
3. A
4. C
5. B
6. D
7. C
8. C
9. B
10. C
11. B
12. D