

## **P.E.R.T. Practice Tests**

Helpful resources are available on the Indian River State College (IRSC) website and in the Academic Support Centers at each IRSC campus.

P.E.R.T. practice questions have been created to help you determine how much preparation you may need before testing. These questions are only a sampling of skills assessed on the P.E.R.T. and cannot guarantee success on the actual test.

There are five practice questions in each subtest (writing, reading and math). If you score between 0% and 60% on any of the three subtests, you may want to postpone testing until you have an opportunity to take advantage of the resources in the Academic Support Centers.

## P.E.R.T. Practice Writing Test

**Directions: select the sentence that is correctly written.**

1.

- a. One of the engineers who designs those programs are talking to us today.
- b. One of the engineers who design those programs are talking to us today.
- c. One of the engineers who design those programs is talking to us today.
- d. One of the engineers who designs those programs is talking to us today.

2.

- a. Driving across Alaska last winter, snow and ice on the roads presented a challenge for us.
- b. Driving across Alaska last winter, we were challenged by snow and ice on the roads.
- c. Last winter, driving across Alaska, we were challenged by snow and ice on the road's.
- d. Driving across Alaska last winter, snow and ice on the road's presented a challenge for us.

3.

- a. We have traveled across many states and met many interesting people.
- b. We have traveled across many states and we have met many interesting people.
- c. We have traveled across many states, and met many interesting people.
- d. We have traveled across many States and met many interesting people.

4.

- a. My daughters like to swim, play tennis, and competing in marathons.
- b. My daughters like to swim, play tennis, and compete in marathons.
- c. My daughters like swimming, playing tennis, and to compete in marathons.
- d. My daughters like to swim, play tennis, and to compete in marathons.

5.

- a. We enjoyed walking around the auto show and we found a car we would like to buy.
- b. We enjoyed walking around the auto show, we found a car we would like to buy.
- c. We enjoyed walking around the auto show, and we found a car we would like to buy.
- d. We enjoyed walking around the auto show; and we found a car we would like to buy.

## P.E.R.T. Practice Reading Test

### Reading Passage

<sup>1</sup>A bomb sits in a display case in a small, rather unusual museum in El Paso, Texas. This bomb is a unique historical artifact: the only explosive device ever dropped on the continental United States by a foreign warplane. Few Americans, even history experts, are aware of the bomb.

<sup>2</sup>Invaluable because of its significance, the bomb is on display in a private museum in a rather atypical area: an industrial district. The museum is the Larry A. Harris Museum of Pancho Villa. Harris was a journalist, historian, author, and collector of Villa artifacts.

<sup>3</sup>The bomb, which did not explode, was dropped by a solitary biplane on a raid over New Mexico in 1916 during a campaign headed by General "Black Jack" Pershing. Pershing, who gained fame during the World War I, commanded troops who were pursuing Villa into Mexico. Villa had attacked a U.S. Army garrison in the tiny New Mexico border community of Columbus. Pershing's campaign proved noteworthy because Villa's foray marked the last time that a foreign army invaded the U.S.

<sup>4</sup>Pershing pursued Villa but failed to capture the infamous general. Assassins eventually murdered Villa in an ambush near his home in Parral, Mexico. Even today, Villa is regarded as a hero by many people but a brigand by others.

**Directions: Read the passage and answer the questions.**

1. From this passage, a reader could infer that the author
  - a. is interested in United States history.
  - b. knew Larry A. Harris.
  - c. lives in New Mexico.
  - d. visited the site where the bomb fell.
  
2. The author's primary purpose is to
  - a. provide a biography of Pancho Villa.
  - b. use an interesting anecdote to provide historical information.
  - c. persuade the reader that Pancho Villa was a villain.
  - d. describe a unique museum.
  
3. Which of the following statements is the best summary of this selection?
  - a. Pancho Villa was the only commander of a foreign nation that dropped a bomb on the United States.
  - b. General Pershing was unsuccessful in his endeavor to capture Pancho Villa.
  - c. The story of the bomb that is displayed in Larry A. Harris Museum chronicles the historical significance of an unusual event.
  - d. Pancho Villa's attack of the U.S. Cavalry garrison in Columbus, Mexico, was one of the factors that contributed to the start of World War I.
  
4. Which of the following reflects an opinion?
  - a. "This particular bomb happens to be the only explosive device that was ever dropped on the continental United States by a warplane of a foreign nation."
  - b. "The bomb is on display in a private museum that is located in a rather atypical area: an industrial district of El Paso."
  - c. "General Pershing, who gained fame in the bloody World War I conflict that was soon to follow, commanded U.S. troops who were pursuing Villa into Mexico."
  - d. "Unknown assassins eventually murdered Villa during an ambush near his home in Parral, Mexico."
  
5. The word *foray* in the third paragraph most nearly means
  - a. ambition.
  - b. crusade.
  - c. insolence.
  - d. raid.

P.E.R.T. Practice Math Test

Directions: Solve the questions below.

1.  $\sqrt{27} + \sqrt{75}$

- a)  $\sqrt{102}$       b)  $8\sqrt{6}$       c) 24      d)  $8\sqrt{3}$

2.  $(5x + 6)(x - 1) - (2x^2 - 5x + 3) = 0$

- a)  $x=1, x=3, x=-3$     b)  $x=0, x=1, x=-3$     c)  $x=1, x=-3$     d)  $x=-1, x=3$

3.  $7x + 1 < 3(6x - 7)$

- a)  $x > \frac{8}{11}$       b)  $x < \frac{8}{11}$       c)  $x > 2$       d)  $x > -2$

4.  $-2[8-5(2-3x) -7x] = 4(x - |-9|)$

- a)  $x = 5$       b)  $x = 2$       c)  $x = \frac{5}{6}$       d)  $x = -1$

Reduce:

5.  $\frac{-2a^0(x^{-6}y^3z^2)^{-1}}{6x^4y^{-1}z^3}$

- a)  $x = \frac{-x^2}{6y^2z^5}$       b)  $x = \frac{x^2}{3y^2z^5}$       c)  $x = \frac{x^2}{12y^2z^5}$       d)  $x = \frac{-x^2}{3y^2z^5}$

## Student Score Report

### Correct answers for PERT practice writing questions:

1.c, 2.b, 3.a, 4.b, 5.c

**P.E.R.T. Practice Writing Test Score = \_\_\_\_\_%**

1 question correct = 20%

2 questions correct = 40%

3 questions correct = 60%

4 questions correct = 80%

5 questions correct = 100%

### Correct answers for PERT practice reading questions:

1.a, 2.b, 3.c, 4.b, 5.d

**P.E.R.T. Practice Reading Test Score = \_\_\_\_\_%**

1 question correct = 20%

2 questions correct = 40%

3 questions correct = 60%

4 questions correct = 80%

5 questions correct = 100%

### Correct answers for PERT practice math questions:

1.d, 2.c, 3.c, 4.b, 5.d

**P.E.R.T. Practice Math Test Score = \_\_\_\_\_%**

1 question correct = 20%

2 questions correct = 40%

3 questions correct = 60%

4 questions correct = 80%

5 questions correct = 100%

If you scored between 0% and 60% on any of the three subtests you may want postpone testing until you have an opportunity to take advantage of the resources in the Academic Support Centers. If you feel you are not prepared to take the test now, do not start the P.E.R.T. at this time.