



Sample Questions for the PSB Health Occupations Aptitude Examination

Academic Aptitude

Directions: Academic Aptitude measures how well you think and learn. The following samples demonstrate the types of questions you will be expected to answer in this part of the exam.

Sample A. a. Bad b. Evil c. Wicked d. Good e. Naughty

In the above set of words, which is most different in meaning from the other words?

Good is the correct answer. The word Good should be the chosen answer for sample question A.

Sample B. You have \$10 and give \$3 to your mother. How much do you have remaining? a. \$1 b. \$2 c. \$4 d. \$5 e. \$7

Ten dollars minus three dollars is seven dollars, so \$7 should be chosen as the answer for sample question B.

Sample C. is to as is to ? a. b. c. d. e.

A large circle is to a smaller circle as a large square is to a smaller square. The small square should be chosen as the answer for sample question C.

This is the way you mark all of your answers for the questions that follow.

**\*\*Remember that in the sets of words that follow in this part *always* select the word that is most different in meaning.\*\***

1. a. vital b. wither c. fade d. vanish e. insipid

2. Five health professionals earned the following scores on an anatomy test: 65, 82, 77, 89, 72. What is the average score? a. 81 b. 78 c. 77 d. 72 e. 69

3. is to as is to ? a. b. c. d. e.

4. a. wane b. dwindle c. amplify d. ebb e. fade

5. A 72-inch roll of bandage at \$1.08 per yard would cost? a. \$1.08 b. \$1.96 c. \$2.16 d. \$2.96 e. \$3.24

6. is to as is to ? a. b. c. d. e.

7. a. hasty b. serene c. placid d. still e. calm

8. The first minute of a telephone call cost 24 cents and each additional minute 13 cents. What is the cost of a five minute call? a. \$1.20 b. \$1.12 c. \$0.96 d. \$0.76 e. \$0.63

9. is to as is to ? a. b. c. d. e.

Spelling

Directions: Spelling measures how well you can spell and what you know about the various rules of grammar as they are reflected in the spelling of certain words. Each line below contains a word with three different spellings. Select the word from each line that is spelled correctly.

Sample A. a. acheive b. achieve c. achive

The answer with the correct spelling is achieve.

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|-------------------|----------------|----------------|----------------|--------------|--------------|
| 1. a. emergancy   | b. emergancie  | c. emergency   | 6. a. caffene  | b. caffine   | c. caffeine  |
| 2. a. infectious  | b. enfecteous  | c. enfectious  | 7. a. ageing   | b. aging     | c. agging    |
| 3. a. deoderizing | b. deodorizing | c. deoderizing | 8. a. erroneou | b. eroneous  | c. eronious  |
| 4. a. densitty    | b. densitie    | c. density     | 9. a. vitamine | b. vitimine  | c. vitamin   |
| 5. a. detergents  | b. detergant   | c. detergant   | 10. a. paralis | b. paralysis | c. paralzsis |

Reading Comprehension

Directions: Reading Comprehension is a test of your ability to understand what you read. It is a measure of some of the skills and abilities you have been developing ever since you entered school. You will be asked to answer questions based on the material contained in written passages. Begin by reading each passage carefully. Each of the questions is followed by four suggested answers. You are to decide which one of these answers you should choose based upon the material in the passage. Answer the question about one passage before going on to the next. You may look back at the passage while you answer the questions. Work carefully but rapidly.

Sample A: There are 4 passages and 50 sets of questions.

In the sample passage above it states that the number of sets of questions is a. 50 b. 30 c. 25 d. 20

The correct answer is 50.

A few years ago, although no one knew it, the gases in spray cans were harming the ozone layer. The ozone layer is a part of the atmosphere, a thick blanket of air that covers the world. The atmosphere is made up of many gases, especially nitrogen and oxygen. Close to the earth, the atmosphere is thick and heavy, but as it gets farther away from the earth, the atmosphere gets thin. There, the energy from the sun changes the way gases behave. For example, oxygen atoms usually travel in the air connected together in pairs, but high in the atmosphere, the sun's energy causes three oxygen atoms to connect together instead of two. These groups of three oxygen atoms are called ozone. The place high in the air where regular oxygen changes to the ozone is called the ozone layer. The ozone layer is very important to life on earth. It soaks up dangerous rays from the sun that harm plants and animals. Even more important, the ozone layer helps keep the earth cool. Without it, the earth might become so hot that the ice caps would melt and flood much of the earth. Fortunately, safe gases are now used in spray cans, but some of the ozone layer has been destroyed.

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| 1. High in the sky the atmosphere is                             | a. thick b. heavy c. unchanged d. thin                |
| 2. High in the atmosphere regular oxygen changes to              | a. solar rays b. oxygen rays c. ozone d. nitrogen     |
| 3. Without the ozone layer the earth would become                | a. cold b. hot c. dark d. frozen                      |
| 4. The ozone layer serves to screen dangerous rays from          | a. oxygen atoms b. spray cans c. the sun d. the gases |
| 5. The paragraph is chiefly concerned with the importance of the | a. sun rays b. spray cans c. ice caps d. ozone layer  |

**Information in the Natural Sciences**

Directions: This section is concerned with measuring your accumulated knowledge of information in the area of the natural sciences. Below is a sample exercise to show you how to do this part of the examination.

Sample A. Discoveries in the operation of the force of gravity were made by a. Lamarck b. Fields c. Wells d. Newton e. Bonet  
The correct answer is Newton.

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|---|---|
| 1. The lower jaw in vertebrates is known as the                               | a. mandible b. hyoid c. pelvis d. coccyx e. ulna              |
| 2. In old age bones may become  | a. porous b. flexible c. ductile d. pliable e. supple         |
| 3. About one quart, 0.908 dry quart, is equivalent to one                     | a. gram b. kilogram c. milligram d. calorie e. liter          |
| 4. Normal body temperature, expressed in degrees centigrade is                | a. 212 b. 120 c. 98.6 d. 37 e. 22.8                           |
| 5. The PH of a neutral solution is  | a. 0 b. 1 c. 5 d. 7 e. 10                                     |
| 6. An individual who played a large role in smallpox vaccination was          | a. Lister b. Jenner c. Salk d. Pasteur e. Dubos               |
| 7. The nutrient that yields the most energy per ounce is                      | a. fat b. protein c. starch d. sugar e. water                 |
| 8. Of the following, the scientist who was a Nobel Prize winner was           | a. Darwin b. DeVries c. Mendel d. Muller e. Galen             |
| 9. The approximate percent of nitrogen in the earth's atmosphere is           | a. 78 b. 68 c. 58 d. 48 e. 38                                 |
| 10. An example of a good insulator of electricity would be                    | a. copper b. iron c. wood d. bronze e. tin                    |
| 11. A type of mechanical wave motion in an elastic medium is                  | a. light b. radar c. heat d. x-rays e. sound                  |
| 12. The type of radiation (sunlight) which tans or burns human skin is called | a. x-ray b. infra-red c. microwave d. isotopes e. ultraviolet |

**Vocational Adjustment Index**

Directions: In this part there are statements that concern how you feel about yourself and certain situations in relation to a potential work environment. This part is not really a test. It is an inventory of feelings, attitudes, and opinions designed to assist in placing you in a work situation where you will find satisfaction and happiness. There are no right or wrong answers - some feel one way; others feel another way. Agreement or disagreement with the statements that follow simply indicates what you usually think, how you usually feel, or what you usually do about things. Mark accordingly as you agree or disagree with the statement. Choose the answer that is really true for you, and answer immediately. WORK RAPIDLY.

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|---|---|
| 1. A definite choice of vocations is important.                     | 6. Working alone rather than with others is preferable.               |
| 2. Helping the aged and the sick would be a source of satisfaction. | 7. Many people deliberately try to embarrass you.                     |
| 3. Many young people spend too much time studying.                  | 8. Those in positions of authority too often abuse their employees.   |
| 4. It is difficult to work with strangers.                          | 9. Stressful situations leave one weak and exhausted.                 |
| 5. Teachers are often unfair in awarding grades.                    | 10. An ideal job would be one where continuous learning was expected. |