



Sample Questions for the PSB Registered Nursing School 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 money 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. O is to O as square is to? a. triangle b. square c. rectangle d. oval e. square

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 of the exam always select the word that is most different in meaning.

- 1. a. acquired b. original c. inherent d. inborn e. innate
2. If 15 apples cost \$.18, what would be the cost of 10 apples? a. \$.06 b. \$.08 c. \$.10 d. \$.12 e. \$.14
3. O square is to triangle as triangle square is to? a. triangle b. circle c. square d. rectangle e. oval
4. a. typical b. constant c. unknown d. uniform e. usual
5. On a quiz, Robin got 26 out of 40 test questions correct. What percent of Robin's answers were wrong answers? a. 14% b. 28% c. 35% d. 48% e. 65%
6. O is to triangle as square is to? a. circle b. square c. rectangle d. oval e. triangle
7. a. natural b. affected c. candid d. sincere e. frank
8. A yearly salary is \$34,254.00. What would be the monthly salary? a. \$2854.00 b. \$2854.25 c. \$2854.50 d. \$2855.50 e. \$2855.75
9. triangle is to square as less than is to? a. greater than b. equal c. less than d. more than e. none

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.

- 1. a. nucleous b. nuceleous c. nucleus
2. a. psysiologic b. physiologic c. phsiologic
3. a. inmunity b. immunity c. inmunity
4. a. hemorrhage b. hemorhage c. hemmorhage
5. a. tharapeutic b. tharaputic c. therapeutic
6. a. molecules b. molleculs c. mollecules
7. a. admittance b. admitance c. admittance
8. a. caffine b. caffeine c. caffene
9. a. convaless b. convelesce c. convalesce
10. a. harass b. harras c. haress

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 3 passages and 40 sets of questions.

In the sample passage above it states that the number of sets of questions is a. 40 b. 30 c. 25 d. 20
The correct answer is 40.

Shampoo is advertised as pH balanced. Rainfall with a pH makes acid rain. What does pH mean? What types of things have a pH? Almost all liquids can be divided into two groups.... acids and bases (alkali). Acids contain many hydrogen atoms. Some acids, like sulfuric and hydrochloric acid can be very dangerous. However, hydrochloric acid, as a component of stomach acid, is used in digestion. Other acids found in orange juice (citric), vinegar (acetic), and milk (lactic) help keep our bodies healthy. Bases contain a combination of hydrogen and oxygen atoms called hydroxyl groups. Household cleaning agents such as ammonia, borax, lye, and detergents are common examples of bases. Scientists use many different kinds of acids and bases. Since it is necessary for them to know how strong or weak each acid or base is, they developed a measurement called pH. The pH of a liquid tells whether it is an acid or a base and how strong or weak it is. A liquid can have a pH number from 1, the strongest acid, to 14, the strongest base. Any solution with a pH less than 7 is an acid, while a solution with a pH greater than 7 is a base. One of the few substances whose pH is 7 is pure water. A solution with a pH of 7 contains equal numbers of hydrogen atoms and hydroxyl groups, so it is neither acid nor base, but chemically neutral.

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| 1. On the pH scale, the very mild acetic acid would have a pH between | a. 1 and 2 b. 2 and 3 c. 3 and 4 d. 4 and 5 |
| 2. Oxalic acid, a strong, bleaching agent, would probably fall between | a. 1 and 2 pH b. 6 and 7 pH c. 8 and 9 pH d. 13 and 14 pH |
| 3. Since pure water is neutral it would have a pH of | a. 2 b. 5 c. 7 d. 9 |
| 4. A substance with a pH of 14 indicates a | a. weak acid b. strong acid c. strong base d. weak base |
| 5. One of the following which has a pH of more than 6 is | a. lemon juice b. vinegar c. orange juice d. ammonia |
| 6. Lactic acid is found in | a. borax b. detergents c. vinegar d. milk |

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. A unit of measure of heat or of other forms of energy is the | a. biome b. calorie c. ampere d. decibel e. erg |
| 2. The smallest portion of an element that retains all of the properties of the element is the | a. cell b. kaolin c. liter d. octet e. atom |
| 3. A base solution (pH 8-14) will turn most litmus paper to the color | a. pink b. orange c. blue d. yellow e. red |
| 4. The freezing point of water in degrees on the Celsius temperature scale is | a. 212 b. 106 c. 100 d. 32 e. 0 |
| 5. An African-American scientist who was both a noted botanist and chemist was | a. Carver b. Abbott c. Lamarck d. Archimedes e. Bell |
| 6. A liquid measure of 0.4732 liter is equivalent to one | a. ounce b. gill c. gallon d. quart e. pint |
| 7. Alcohol solutions are called | a. acetyls b. tinctures c. glycols d. coagulates e. thiols |
| 8. A food whose high protein content is gained via nitrogen-fixing process is | a. chicken b. beef c. peanuts d. wheat germ e. milk |
| 9. The amount of water vapor in the air is called | a. humerus b. hummus c. humoral d. humidity e. humus |
| 10. An animal having a backbone and spinal column is a | a. mollusk b. vertebrate c. pelecypoda d. scyphozoan e. microbe |

Vocational Adjustment Index

Directions: In this part there are statements that concern how you feel about yourself and certain situations in relation to 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. There is a definite need to plan ahead for the future. | 6. Working with old people is not too rewarding. |
| 2. Most teachers are willing give you extra help. | 7. It is hard to take orders from those in authority. |
| 3. My friends oppose to my choice of vocations. | 8. Helping sick people would be a source of satisfaction. |
| 4. Illness, including headaches, is a constant problem. | 9. Stressful situations really upset most of us. |
| 5. Others are constantly taking advantage of us. | 10. Meeting new people makes one very anxious. |