

Understanding Your Test Record and Profile Chart for the
Revised PSB-Health Occupations Aptitude Examination (HOAE)

This data sheet has been prepared to help you understand the meaning of the scores you earned on the **Revised PSB-Health Occupations Aptitude Examination** as reported on your **Test Record and Profile Chart**. Immediately beneath the lines containing your name, the name of the school, and the test date, you will find the following:

Percentile Scores	Academic Aptitude V, A, NV, Total	Spelling	Reading Comprehension	Natural Sciences	Vocational Adjustment
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The **Revised PSB-Health Occupations Aptitude Examination** is comprised of five tests and three subtests. These tests and subtests are as follows:

- Academic Aptitude-Part I**
Verbal – V; Arithmetic – A; Nonverbal - NV
- Spelling-Part II**
- Reading Comprehension-Part III**
- Information in the Natural Sciences-Part IV**
- Vocational Adjustment Index-Part V**

An explanation of what is measured by each of these tests and subtests is included.

The **Academic Aptitude Total** consists of the raw scores earned on each of the subtests combined into a separate distribution of the three combined scores. Your percentile rank on the **...Total...Academic Aptitude** test is established from this separate distribution of raw scores. It is statistically unsound to average percentile ranks.

Your testing results are reported in two ways, as raw scores and as percentile ranks. Each raw score represents the number of questions answered correctly in one particular part of the examination. For example, the **Spelling-Part II** consists of 60 test questions. If you respond correctly to 40 of these test questions, your raw score is 40.

To be meaningful, the raw score is translated into a percentile rank. Percentile rank comes from the concept of percent. The percentile rank is used to describe the relative standing of an individual with respect to other individuals. If you, for example, earned a raw score on the **Revised PSB-Health Occupations Aptitude Examination** test that translated into a percentile rank of 90, it would indicate that your score is better than the scores of 90 percent of persons in a specific comparison group, but not as good as that of 10 percent of persons in that specific comparison group. The specific comparison group for your scores is that of the group or nationwide representative sample of individuals who have applied for admission to the same type of allied health profession's education program as you are applying to, for example, radiography, respiratory therapy assistant, paramedic, etc.

The lines on your **Test Record and Profile Chart** provide a graphic record of the scores (percentile ranks) you earned on each of the five tests and three subtests. You will also find verbal ratings, ranging from "very low" to "superior" in the left margin of the **Test Record and Profile Chart**. You can find your verbal rating category for each of the five tests plus the three subtests by looking to the left from the apex of each of the eight connecting lines on your profile chart.

In assessing your performance, you will need to consider your results from each and all of the five tests and three subtests. These results will reflect your strengths and weaknesses as measured by the examination and as compared with other applicants for admission to your chosen allied health profession's education program.

Acceptance to or rejection from a health profession program is based upon many factors. Test results are only one of these factors. If, however, you meet all other criteria and have good test results, you can have confidence that you possess the potential for satisfactorily completing the preparation program . . . provided you have the interest, motivation, and willingness to work hard. If your scores were low or marginal, you are not as likely to be able to handle the academic work and study required to successfully complete an arduous health profession program. While the immediate failure to realize your goal is disappointing, it is not the end of satisfying and rewarding opportunities for you. There are, most assuredly, many other kinds of training for which you are better suited. The testing is in your best interests as it will enhance your understanding of your abilities and aid in

bringing to your attention areas of strength and areas of needed improvement.

Revised PSB-Health Occupations Aptitude Examination

Part 1 Academic Aptitude

1. Verbal Subtest - The verbal aspect consists of 30 vocabulary-related test questions. Empirical evidence has shown this type of test item to be highly related to academic success.
2. Arithmetic Subtest - The numerical aspect consists of 30 items drawing largely from arithmetic. To some degree, it involves skill with arithmetical concepts along with computational speed. The content of the numerical items is that to which practically all eighth grade students have been exposed.
3. Nonverbal Subtest - The nonverbal aspect consists of 30 test items calling for comprehension of form relationships. The measurement is in terms of the ability to manipulate shapes mentally, to reason out differences in pictured objects, and to deal with concrete materials through visualization. Recognition of relationships and of differences between shapes has been shown by research to be basic to learning aptitude.

Academic Aptitude Total - The Academic Aptitude test, as measured by the Total, might be thought of as the ability to learn. The test content is specifically adapted for appraising the combination of native and acquired abilities that are needed for work of an academic nature. The Academic Aptitude test emphasizes familiar experiences and concepts while requiring careful reasoning and ability to comprehend and draw conclusions.

Part 2 Spelling

The Spelling test measures skill with a tool essential to written expression or communication. To some extent the test also reflects the background of educational achievement in at least one of the basic tools of learning.

Part 3 Reading Comprehension

The Reading Comprehension test measures ability to understand direct statements, to interpret passages, to grasp the intent of the authors, to observe organization of ideas, and to extract information from passages with respect to ideas and purposes . . . to read and to understand what is read.

Part 4 Information in the Natural Sciences

Measurement with this test concerns accumulation of information in the natural sciences, e.g., biology, chemistry, health and safety, etc., at an elementary level. The relationship of knowledge in the area of the natural sciences to the course of study of the student in the allied health professions is an obvious one.

Part 5 Vocational Adjustment Index

An individual's characteristic life style is reflected in his or her educational and occupational adjustment. Feelings, attitudes, personality characteristics, and behavioral traits, which may be quite acceptable in many situations, may not be those desirable for the prospective allied health professional as a student and as a practitioner.

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Southwestern Community College (SCC) Scoring Points

Points are assigned for the percentile scores in each of the 5 sections - Academic Aptitude Total (not the subtest scores), Spelling Total, Reading Comp Total, Natural Sciences Total, and Vocational Adjustment Total.

All Health Programs except Nursing – MAXIMUM of 15 points possible.

Percentile Score	Points
0-24	0
25-49	1
50-74	2
75 +	3

Nursing Program – MAXIMUM of 25 points possible

Percentile Score	Points
0-20	0
21-40	1
41-50	2
51-60	3
61-80	4
81 +	5