The purpose of this packet is to prepare PSB candidates for the PSB Exam on the UAFS campus. Presented by the Testing Center 479-788-7682
CHECK-IN
Arrive 30 Minutes prior to the start of the test with your PHOTO ID

WHAT TO BRING:
✓ Photo ID
✓ Two #2 sharpened pencils (mechanical pencils are not allowed)
✓ Watch

DO NOT BRING:
✖ Cell phones are not allowed in the test room
✖ No Mechanical Pencils
✖ No calculators
✖ No food/drinks/candy

⚠️ There is not a break during this test. If you need to use the restroom you will be allowed to but you may not make up the time lost. There will not be a “five minute” warning during the test sessions, so you may want to keep an eye on the clock.

⚠️ The PSB exam can only be taken ONCE PER YEAR.

⚠️ This is not a pass/fail exam. However, scores are used in the ranking: The better the score the higher the ranking. The average PSB scores:
Surg Tech – 240
Radiography – 255
Total points possible is 380

⚠️ Your test results will arrive at the Health Science Department Secretary’s office (HS 104) about two weeks following the test.
⚠️ Do not call the Testing Center or Health Sciences Department for your test results but come to the HS 104 with a photo ID.

• PART 1 – Academic Aptitude
  45 Minutes

• PART 2 – Spelling
  15 Minutes

• PART 3 – Reading Comprehension
  30 Minutes

• PART 4 – Information in the Natural Sciences
  30 Minutes

• PART 5 - Vocational Adjustment Index
  15 Minutes
Reducing Test Anxiety

*Before the Test: The Four R’s*
1. REST--get enough sleep.
2. RELAX--watch out for caffeine in coffee, tea, or sodas.
3. READY--arrive ahead of test time.
4. RESTROOM--use it before the test.

*Preview the test.*
1. What do the written directions say?
3. What is the test administrator telling you about the test?
4. Plan your time.
5. How many questions are there on the test?
6. Answer the easiest questions first.

1. Read each question twice and answer it or move on to the next question.
2. After you have answered all you can, repeat this process.
3. For any questions that you can’t answer, make an educated guess.
4. Answer all the questions. Leave no blanks. Allow time for this at the end of the test period.
5. Check your answers carefully to avoid careless errors. DO NOT change answers unless you are positive your answer is wrong.

Reduce your text anxiety. Try this: Breathe deeply and slowly through your nose, hold, slowly exhale through your mouth. Do this three times.
Academic Aptitude-Part I

Students will have 45 minutes to answer 90 questions. That equals about 30 seconds per question.

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.

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.

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.

We recommend students purchasing and studying from
PSB Health Occupations Exam Practice Questions
By Mometrix Test Preparation, 2013.
ISBN 978-1-62733-217-0

The following are examples of the practice tests in this book.
Academic Aptitude

Verbal

In the following sets of words, choose the word that is most different in meaning from the others.

1. A. Redundant  B. Repetitious  C. Unnecessary  D. Superfluous  E. Concise
2. A. Surreptitiously  B. Privately  C. Furtively  D. Openly  E. Covertly
3. A. Heathen  B. Barbarian  C. Civilized  D. Savage  E. Natural
4. A. Agnostic  B. Believer  C. Uncommitted  D. Unsure  E. Doubter
5. A. Dogma  B. Uncertainty  C. Ambiguity  D. Indecision  E. Unbelief
6. A. Ominous  B. Reassuring  C. Harmless  D. Promising  E. Hopeful
7. A. Auspicious  B. Portentous  C. Bright  D. Encouraging  E. Optimistic
8. A. Benign  B. Salubrious  C. Malignant  D. Wholesome  E. Gentle
9. A. Nettlede  B. Vexed  C. Rankled  D. Appeased  E. Provoked
10. A. Miffed  B. Offended  C. Honored  D. Affronted  E. Slighted
11. A. Pious  B. Unfaithful  C. Devout  D. Religious  E. Virtuous
12. A. Preposterous  B. Reasonable  C. Believable  D. Credible  E. Logical
13. A. Bewildered  B. Confused  C. Clearheaded  D. Confounded  E. Distracted
14. A. Pariah  B. Outcast  C. Shunned  D. Reject  E. Welcome
15. A. Animosity  B. Hostility  C. Rancor  D. Amicability  E. Vitriol
16. A. Treacherous  B. Loyal  C. Threatening  D. Dangerous  E. Unreliable
17. A. Fervent  B. Apathetic  C. Zealous  D. Passionate  E. Ardent
18. A. Glower  B. Beam  C. Smile  D. Grin  E. Brighten
19. A. Pertinent  B. Relevant  C. Related  D. Immaterial  E. Applicable
20. A. Irrelevant  B. Pointless  C. Inappropriate  D. Unsuitable  E. Apt
10. \( 0.28 \times 0.17 \)
   a. 0.2260
   b. 0.4760
   c. 0.0226
   d. 0.0476

11. \( \frac{0.8}{1.6} \) is equal to
   a. 0.02
   b. 0.05
   c. 0.2
   d. 0.5

12. Which of the following choices expresses \( \frac{5}{8} \) as a percent?
   a. 40%
   b. 58%
   c. 62.5%
   d. 65%

13. Round off to the nearest hundredth: 0.1673
   a. 0.16
   b. 0.166
   c. 0.167
   d. 0.17

14. What is the equivalent decimal number for five hundred twelve thousandths?
   a. 0.512
   b. 0.0512
   c. 5120.
   d. 0.00512

15. The scientific notation for a red blood cell is approximately \( 7.4 \times 10^{-4} \) centimeters in diameter. What is that amount in standard form?
   a. 0.00074
   b. 0.0074
   c. 7.40000
   d. 296

16. \( \frac{3}{5} \div \frac{1}{2} \)
   a. 1 1/5
   b. 3/10
   c. 1 7/10
   d. 4/5
Non Verbal

For each question, there is a relationship between the first two figures presented, and then a third figure is presented. Find the answer choice that relates to the third figure in the same way that the first two figures are related.

1. is to as is to? A. B. C. D. E.
2. is to as is to? A. B. C. D. E.
3. is to as is to? A. B. C. D. E.
4. is to as is to? A. B. C. D. E.
5. is to as is to? A. B. C. D. E.
6. is to as is to? A. B. C. D. E.
7. is to as is to? A. B. C. D. E.
8. is to as is to? A. B. C. D. E.
9. is to as is to? A. B. C. D. E.
10. is to as is to? A. B. C. D. E.
11. is to as is to? A. B. C. D. E.
12. is to as is to? A. B. C. D. E.
Spelling-Part II

You will have 15 minutes to answer 60 questions.
That gives you 15 seconds to answer each question.

The Spelling test of 60 questions 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.

Let’s practice! Select the correctly spelled word from each line.

Contagious  Contagius  Contegious
Quaritine  Quarantine  Qurantine
Pastorized  Pasteurized  Pasturized
Therapeutic  Therapuitc  Therapctic
Admidance  Admittance  Admetance
Caffene  Caffeine  Caffeine
Inmunity  Inmunity  Immunity
Tourniquet  Tournaqet  Turnaquet
Depressents  Depressants  Depressints
Pediatrician  Pediatricen  Pediatric
Nucelous  Nucleus  Nuceleus
Mollecules  Molecules  Mollicules
Physologic  Psysiologic  Physiologic
Diarrhea  Diaoreha  Diarrea
Hemorage  Hemorrige  Hemorrhage
Chemicaly  Chemically  Chemiclly
Tresspass  Trespass  Trespasse
Glimpse  Glimse  Glimps
Ulserous  Ulcerous  Ulcerus
Diathurmie  Diathurmy  Diathermy
Dysentary  Dysentery  Disentery

Answers on next page
<table>
<thead>
<tr>
<th>Original Word</th>
<th>Corrected Word</th>
<th>Miswritten Word</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contagious</td>
<td>Contagious</td>
<td>Contegious</td>
</tr>
<tr>
<td>Quarantine</td>
<td>Quarantine</td>
<td>Quarantine</td>
</tr>
<tr>
<td>Pasteurized</td>
<td>Pasteurized</td>
<td>Pasturized</td>
</tr>
<tr>
<td>Therapeutic</td>
<td>Therapeutic</td>
<td>Tharaputic</td>
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<tr>
<td>Admidance</td>
<td>Admittance</td>
<td>Admetance</td>
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<td>Caffene</td>
<td>Caffeine</td>
<td>Caffeine</td>
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<tr>
<td>Inmunity</td>
<td>Immunity</td>
<td>Immunity</td>
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<tr>
<td>Tourniquet</td>
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<td>Depressents</td>
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<td>Pediatrician</td>
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<td>Peditrician</td>
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<tr>
<td>Nucelous</td>
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<tr>
<td>Molecules</td>
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<td>Mollicules</td>
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<td>Physologic</td>
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<td>Diarrhea</td>
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<td>Hemorage</td>
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</tr>
<tr>
<td>Dysentary</td>
<td>Dysentery</td>
<td>Disentery</td>
</tr>
</tbody>
</table>
You will have 30 minutes to answer 50 questions. That gives you about 36 seconds per question.

The Reading Comprehension test of 50 questions 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.

**Warning Avoid “Fact Traps”**

Once you know which paragraph the answer will be in, focus on that paragraph. However, don’t get distracted by a choice that is factually true about the paragraph. Your search is for the answer that answers the question, which may be about a tiny aspect in the paragraph. Stay focused and don’t fall for an answer that describes the larger picture of the paragraph. Always go back to the question and make sure you’re choosing an answer that actually answers the question and is not just a true statement.

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Information in the Natural Sciences-Part IV

You will have 30 minutes to answer 90 questions.
That gives you 20 seconds per question.

Measurement of 90 questions 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 professional nurse is an obvious one.

PSB Test- Natural Science Study Guide

There are certain concepts that are related to Natural Sciences, which must be understood as essential points of information:

- Basic Concepts Related to Natural Sciences
- Atoms are the smallest units of matter
- Atoms are bound together to form molecules...the building blocks of living cells.
- Cells are the building blocks of all plants and animals.
- Deoxyribonucleic Acid (DNA) and Ribonucleic Acid (RNA) are compounds that store and process unique genetic information within the nucleus of a cell.
- Heredity is the transmission of genetic information within the nucleus of a cell.
- Mature cells bind together in distinct patterns from tissues; tissues unite to form organs, and organs unite to form the systems of a body.
- All life processes are based on metabolism...chemical reactions that capture, store, and use energy in a cell.
- All cellular functions depend on specific types of proteins, especially enzymes.
- Chemical breakdown is the result of enzymes and activators.
- Homeostasis is the constant maintenance of internal balance...a major part of metabolism.
- Continuous regulation of internal conditions (such as levels of substances in cells or body fluids or pH or temperature) are kept within narrow ranges.

All life processes are controlled through body systems:

- In animals, the respiratory system transports oxygen to the blood and eliminates carbon dioxide from the blood.
- In animals, the circulatory system transports all nutrients to the cells and wastes from the cells.
- In animals, the digestive system chemically breaks down foods and delivers nutrients to the circulatory system.
- In animals, the excretory system removes metabolic waste excess substances from the body.
- In animals, the musculoskeletal system generates motion and maintains posture.
- In animals, the nervous system communicates internally to control and coordinate all body activities in response to environmental stimuli (light, temperature, touch, and other physical conditions).
Other important concepts:

· All living forms need interdependent relationship with other living forms: they form complex relationships that are determined by their environment.
· The kinds and amount of life found in different environments is determined by temperature, light, moisture, and soil.
· All animals depend on food (food chain).
· Food chains exist because all living things need energy.
· Only organisms with chlorophyll can make food.
· Inorganic matter is synthesized into food for plants; plants provide food for animals.
· Living organisms in the same environment form an interrelated community and form close associations with one another (symbiosis).
· These close associations either benefit both partners (mutualism) or benefit one partner at the expense of the other (parasitism).
· Conservation of resources
· Supplies of natural resources can be depleted.
· Supplies of natural resources can be expanded (to some extent) through new ways of increasing food production; developing new sources of energy; recycling of waste materials; conserving natural habitats and soil.
You will have 15 minutes to answer 90 questions.
That is 10 seconds per question.

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 nurse as a student and as a practitioner. This portion is not something you can study for. You will give your honest opinion of each statement with Agree or Disagree.