

TEAS V – Student Handout

TEAS V (Test of Essential Academic Skills V – Allied Health) has 5 sections:

There are 170 multiple choice questions on the TEAS V with four possible answers for each question. The topics covered are reading, mathematics, science, and English. Allow approximately 3 ½ to 4 hours to take this exam.

- Reading: 48 Questions 58 Minutes
- Math: 34 Questions 51 Minutes
- Science: 54 Questions 66 Minutes
- English: 34 Questions 34 Minutes

FEE: \$55 to be paid at the Bookstore for first time testing or if retaking by section(s)

TO MAKE AN APPOINTMENT: Call the *Testing Center* (870.864.7196), stop by **Room 220** on the second floor of the Conference Center, or send an email to testing@southark.edu.

SCORE REPORT: An official score report will be reviewed with and issued to each examinee *immediately following* the completion of the test.

Study Guides and Test Prep:

To achieve your best score, it is encouraged to prepare for the TEAS V.

- Study Manual: A TEAS V Study Manual is available at both the Testing Center and in the Library which are to be used *only on campus*. However, this Study Manual may be purchased in the Bookstore for an approximate cost of **\$70**. It is recommended to take at least one of the two practice tests from the back of this Study Manual to best determine areas of strengths and weaknesses. (ISBN#: 978-1-933107-98-1)
- Websites/Apps:
 - **App for Smart Phone:** Free TEAS V Exam Prep 2015 by Pocket Prep
 - **Teas Practice Test:** Receive instant feedback after each question. www.teaspracticetest.com
 - **Mometrix Test Preparation:** Free practice tests with video solution demonstrations. www.mometrix.com/academy/teas-test
 - **Union Test Prep:** Immediately able to check answers with written explanations. <https://uniontestprep.com/teas/practice-test>

One of the prerequisites for admission into the professional phase for some of the health science programs at SouthArk is taking the TEAS V. *It is recommended to take this test the semester prior to applying for admission into the desired professional program*, following completion of all basic studies requirements, and after completing all program science course requirements for an enhanced degree of success on the exam. Some programs have additional individual requirements:

- RADT students **MUST** successfully complete Intermediate Algebra
- PTA **recommends** completion of Intermediate Algebra prior to testing

On Testing Day:

- Must have a **valid photo ID** and **paid Bookstore receipt** (\$55) to test!
- Answer ALL test questions... Unanswered questions are scored as incorrect.
- **NO** calculators are allowed.
- Pencils and scratch paper will be provided then collected at the end of the exam.
- The exam cannot be stopped once it is started.
- ALL personal belongings, such as cell phones, watches, and other electronic devices, will be stored in the lockers provided.
- Single sections of the TEAS V can be taken **only** after the initial exam of ‘ALL sections’ has been completed.

TEAS V Minimum Score Requirements: *Only the programs which require TEAS V are listed.*

Program	Reading	Math	Science	English	Composite	Times Allowed	Remediation Required Prior to Retesting	Minimum of 10 Review Hours Required for Each Subject Area Below Minimum Score
LPN	45	30	30	35	40	3 times, but within 1 year of application	Yes	Yes
MLT	45	30	30	35	40	3 times, but within 1 year of application	Yes	Yes
OTA	70	60	35	60	n/a	Unlimited	Yes	Yes
PTA	55	55	n/a	55	n/a	3 times, but within 18 months of application	Yes	Yes
RADT	45	30	30	35	40	3 times, but within 1 year of application	Yes	Yes
RESP	55	35	35	40	40	3 times, but within 1 year of application	Yes	Yes

The following questions are *sample* multiple-choice questions. These questions should not be interpreted as representing the difficulty or exact content covered on the TEAS V. The correct answers are at the end of these practice questions.

READING

Read the following passage and answer questions 1 and 2. The 2,315-mile Missouri River tops this year's list of the "10 Most Endangered Rivers in North America," compiled annually by the conservation group American Rivers. The "Big Muddy" has been dammed, channeled, and diked to the point that one-fifth of the species native to the river and its floodplain are now classified as endangered, threatened, or of special concern, according to American Rivers. The other nine rivers on the list are New York's Upper Hudson, Washington's White Salmon, California's San Joaquin, Wisconsin's Wolf River, Arizona's Pinto Creek and Potomac, Ohio's Mill Creek, the Lower Colorado and the Tennessee River.

1. Which of the following may be concluded from the passage?
 - a. Wolf River is located in Washington, DC.
 - b. Bodies of water with "creek" in their names are not rivers.
 - c. The damming, diking, and channeling of a river is detrimental to the organisms that inhabit it.
 - d. The rivers of North America have been found to be more endangered than those of South America.

2. A conservation group organizes for which of the following principal purposes?
 - a. Collecting data for scientific research.
 - b. Saving rain forests.
 - c. Channeling rivers.
 - d. Preserving nature.

MATHEMATICS

3. A student earns \$1,280.50 each month at a part-time job. The student pays the following amounts for expenses each month:

Rent.....	\$350.00
Food.....	\$320.00
Utilities.....	\$215.60
Car expenses	\$240.00

After paying the monthly expenses listed above, which of the following represents the amount of money the student has left for other expenses?

- a. \$106.70 b. \$154.90 c. \$1,075.60 d. \$ 1,125.60
4. Thirty percent of the students in a mathematics class received an "A." If 18 students received an "A," which of the following represents the number of students in the class?
 - a. 18
 - b. 30
 - c. 54
 - d. 60

SCIENCE

5. Which of the following characteristics is a property of bases?
 - a. Taste sour
 - b. Dissolve metals
 - c. Turn blue litmus red
 - d. Liberate OH- in solution

6. The bladder is part of which of the following systems?
- a. Urinary b. Nervous c. Muscular d. Cardiovascular

ENGLISH AND LANGUAGE USAGE

7. The rapacity of our vile, disgusting, and despicable stepfather was not satisfied until he had taken all that we had. Which of the following words are redundant in the sentence above?
- a. rapacity, vile b. vile, disgusting c. rapacity, despicable d. disgusting, despicable
8. Jennifer mailed a sympathy card to the family of the dead man in a hurry. Which of the following phrases is misplaced in the sentence above?
- a. in a hurry b. to the family c. of the dead man
d. Jennifer mailed a sympathy card

SOLUTIONS TO SAMPLE QUESTIONS Sample Question Number	Answer
1	C
2	D
3	B
4	D
5	D
6	A
7	B
8	A

Objectives Tested by Section in Study Guide:

Reading (48 items only 42 are scored)

- **Paragraph and Passage Comprehension (19 items)**
 - Primary Sources, Facts, Opinions, Biases, and Stereotypes (pg. 4-5)
 - Characteristics of Different Passage Types (pg. 7)
 - Topic, Main Idea, Supporting Details, and Themes; Topic and Summary Sentences (pg. 9-11)
 - Logical conclusions of a Reading Selection (pg. 12)
 - Predictions, Inferences, and Conclusions; Position and Purpose (pg. 13-14)
 - Persuasive, Informative, Entertaining, and Expressive Passages (pg. 16-17)
 - Historical Context and Text Structure (pg. 18-22)
 - Ways that Literature from Different Cultures Presents Similar Themes (pg. 20)
- **Informational Source Comprehension (23 items)**
 - Set of Directions, Labels' Ingredients, and Definitions in Context (pg. 24-28)
 - Printed Communications, Indexes, and Tables of Contents (pg. 29-31)
 - Product Information: One Product is the More Economical Buy (pg. 32)
 - Information from a Telephone Book, and Sources for Locating Information (pg. 34-36)
 - Sample Listing of Items and Costs (pg. 37)

- Graphic Representations of Information and Scale Readings (pg. 39-41)
- Legends, Map Keys, Headings, Subheadings, and Text Features (pg. 43-47)

Mathematics (34 items only 30 are scored)

➤ **Numbers and Operations (19 items)**

- Order of Operations, Subtraction of Whole Numbers with Regrouping (pg. 50-51)
- One- and Two- step Word Problems with Whole Numbers (pg. 53)
- Addition and Subtraction of Fractions or Mixed Numbers (pg. 55)
- Decimal Placement in a Product or Quotient (pg. 59)
- Conversion Between Irrational Numbers and Approximate Decimal form (pg. 62)
- Calculations of Percents, Conversion Between Percents, Fractions, and Decimals (pg. 63-65)
- Comparison of Rational Numbers, Estimation of the Solution to a Problem (pg. 69-71)
- Reconciliation of a Checking or Saving Account, Calculation of Take- Home Pay (pg. 72-74)
- Cost of a Given Set of Items, Materials and Costs of Planning an Event (pg. 76-78)
- One- and Two-step Word Problems with Fractions or Decimals (pg. 80)
- Word Problems Involving Percents, Ratios, Proportions, and Rates of Change (pg. 82-83)
- Conversion Between Roman and Arabic Numerals (pg. 85)

➤ **Measurement (4 items)**

- Estimation of Metric Quantities, Conversion from one Measurement Scale to Another (pg. 87-89)
- Appropriate Units of Measure and Measurement Tools (pg. 91)
- Determination of a Measurement Based on Given Measurements (pg. 92)

➤ **Data Interpretation (3 items)**

- Dependent and Independent Variables (pg. 93)
- Interpretation/Organization of Data from Tables, Charts, Line, Bar, and Circle Graphs (pg. 94-98)

➤ **Algebraic Applications (4 items)**

- Add, Subtract, Multiplication, and Division Polynomial Terms (pg. 100)
- Translation of Word Phrases/Sentences into Expressions, Equations, and Inequalities (pg. 103)
- Equations with One Unknown, Inequalities Involving Absolute Values (pg. 105-108)

Science (54 items only 48 are scored)

➤ **Scientific Reasoning (11 items)**

- Reasons for Conducting Investigations (pg. 111-112)
- Questions/Concepts that Guide Scientific Investigations (pg. 113)
- Communication and Defense of Scientific Arguments (pg. 114)
- Reasons to Include Technology and Mathematics in Science Research (pg. 115)
- Use of Technology and Mathematics to Improve Investigations (pg. 116)
- Alternative Formulation and Revision of Scientific Explanations and Models (pg. 117-118)

➤ **Human Body Science (11 items)**

- Anatomy and Physiology, Circulatory, Respiratory, and Nervous System (pg. 119-128)
- Digestive and Immune System, Factors that Influence Birth and Fertility Rates (pg. 129-132)
- Population Growth and Decline (pg. 133)

➤ **Life Science (14 items)**

- Biological Classification System, Natural Selection and Adaptation (pg. 134-136)
- Nucleic Acids, Parts of a Cell, Cellular Organelles (pg. 137-141)

- Chromosomes, Genes, Proteins, RNA, and DNA (pg. 143)
- Cell Differentiation, RNA and DNA Involvement in Cell Replication (pg. 144-145)
- Mitosis and Meiosis, Photosynthesis and Respiration (pg. 146-148)
- Storage of Hereditary Information, Changes in DNA and Mutations in Germ Cells (pg.149-150)
- Phenotypes and Genotypes, Mendel’s Laws of Genetics and the Punnett Square (pg. 151-152)

➤ **Earth and Physical Science (8 items)**

- The Sun, Kinetic, Potential, and Other Energies (pg. 154-155)
- Measurable Properties of Atoms, Protons, Neutrons, and Electrons (pg. 156-158)
- Purpose of Catalysts, Physical and Chemical Patterns within the Periodic Table (pg. 159-160)
- Enzymes, Acid and Base Solutions (pg. 162-163)
- Chemical Bonds Between Atoms in Common Molecules from Sharing Electrons (pg. 165-167)
- Important Chemical Reactions: Balancing and Identifying (pg. 168)
- Chemical Properties of Water, Atoms/Molecules in Liquids, Gases, and Solids (pg. 171-172)
- Evaporation, Vaporization, and Condensation (pg. 173)

English and Language Usage (34 items only 30 are scored)

➤ **Grammar and Word Meanings in Context (15 items)**

- Parts of Speech, Subject-Verb Agreement, Pronoun-Antecedent Agreement (pg. 176-180)
- Use of Dialogue, First, Second, and Third Person (pg. 182-184)
- Grammar for Style and Clarity, Context Clues, Word Structure (pg. 186-190)

➤ **Structure (6 items)**

- Simple Sentences, Organized and Logical Paragraphs, Sentence Fluency (pg. 192-196)

➤ **Spelling and Punctuation (9 items)**

- Spelling, Commonly Misspelled Words, Capitalization (pg. 197-204)
- Ellipses, Commas, Semicolons, Colons, Hyphens, and Parentheses (pg. 207)
- Quotation Marks and Apostrophes (pg. 211)

Contact Information:

Dean of Health & Natural Sciences	870-864-7102
Health Science Advisor	870-875-7207
Nursing (LPN)	870-864-7136
Medical Lab Therapist (MLT)	870-875-7276
Radiologic Technologist (RADT)	870-875-7226
Occupational Therapist Assistant (OTA)	870-864-7171
Physical Therapist Assistant (PTA)	870-864-7189
Respiratory Therapy (Resp)	870-875-7286
The Testing and Learning Center	870-864-7196