

ATI TEAS – Student Handout



ATI TEAS (Test of Essential Academic Skills – Allied Health)

One of the prerequisites for admission into the professional phase for some of the health science programs at SouthArk is taking the ATI TEAS. 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.

- 170, four-option, multiple choice questions on the ATI TEAS
- Allow approximately **3 ½ to 4 hours** to complete all 4 sections of the ATI TEAS

(1) **Reading:** 53 Questions – 64 Minutes

(3) **Science:** 53 Questions – 66 Minutes

(2) **Math:** 36 Questions – 54 Minutes

(4) **English:** 34 Questions – 34 Minutes

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

TESTING APPOINTMENT:

- Call the **Testing Center** (870.864.7196)
- Stop by **Room 220** on the second floor of the Conference Center
- 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 exam.

Study Guides and Test Prep:

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

Study Manual: The ATI TEAS Study Manual is available at both the Testing Center and in the Library which are to be used *only on campus*. This Study Manual may also be purchased in the Bookstore for an approximate cost of **\$60**. It is recommended to review each practice problem and take each section's quiz to best determine areas of strengths and weaknesses. (ISBN#: 978-1-56533-575-2)

Smart Phone App: FREE ATI TEAS Exam Prep 2016 Edition apps by Pocket Prep and Higher Learning Technologies.

Online Practice:

ATI Testing: Online practice tests can be purchased individually at \$46 per version or at \$88 for both versions each having the access to take each assessment twice

www.atitesting.com/2/teas-prep/practice-test.aspx

Mometrix: FREE practice tests with video solution demos www.mometrix.com/academy/teas-test

Union Test Prep: FREE with ability to check answers with written explanations

<http://uniontestprep.com/teas/practice-test>

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. Certain math questions have a calculator imbedded.
- 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 at the Testing Center.
- Single sections of the ATI TEAS can be taken **only** after the initial exam of ‘ALL sections’ has been completed. However, the testing fee (\$55) remains the same.

ATI TEAS Minimum Score Requirements

Only the programs which require ATI TEAS 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 ATI TEAS. 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 is part of the large intestine?
 - a. Duodenum
 - b. Rectum
 - c. Ileum
 - d. Jejunum

6. Which of the following is improved when repeated trials of an experiment have consistent results?
 - a. Reliability
 - b. Validity
 - c. Independent Variables
 - d. Dependent Variables

ENGLISH AND LANGUAGE USAGE

7. The doctor said, "I _____ the patient yesterday." Which of the following correctly completes the sentence above?
- a. see b. saw c. seen d. have seen
8. The president truncated the address due to a lack of time. Which word is a synonym for truncated?
- a. Practiced b. Misplaced c. Shortened d. Regretted

Sample Question Numbers	Answers
1	C
2	D
3	B
4	D
5	B
6	A
7	B
8	C

Objectives Tested by Section in Study Guide:

Reading (53 items – 47 are scored)

➤ **Key Ideas and Details (22 items)**

- Summarize a complex text (pg. 7-8)
- Infer the logical conclusion from a reading selection (pg. 9)
- Identify the topic, main idea, and supporting details (pg. 10-11)
- Follow a given set of directions (pg. 12)
- Identify specific information from a printed communication (pg. 13-14)
- Identify information from a graphic representation of information (pg. 15-16)
- Recognize events in a sequence (pg. 17-18)

➤ **Craft and Structure (14 items)**

- Distinguish between fact and opinion, biases, and stereotypes (pg. 21-22)
- Recognize the structure of texts in various formats (pg. 23-25)
- Interpret the meaning of words and phrases using context (pg. 26-27)
- Determine the denotative meaning of words (pg. 28-29)
- Evaluate the author's purpose and point of view in a given text (pg. 30-33)
- Use text features (pg. 34-35)

➤ **Integration of Knowledge and Ideas (11 items)**

- Identify primary sources in various media (pg. 39)
- Use evidence from text to make predictions and inferences, and draw conclusions about a piece of writing (pg. 40-41)
- Compare and contrast themes from print and other sources (pg. 42-43)

- Evaluate an argument and its specific claims (pg. 44-45)
- Evaluate and integrate data from multiple sources in various formats, including media (pg. 46-47)

Mathematics (36 items only 32 are scored)

➤ **Number and Algebra (23 items)**

- Convert among non-negative fractions, decimals, and percentages (pg. 65-66)
- Perform arithmetic operations with rational numbers (pg. 67-68)
- Compare and order rational numbers (pg. 69-70)
- Solve equations in one variable (pg. 71-72)
- Solve real-world one- or multi-step problems with rational numbers (pg. 73)
- Solve real-world problems involving percentages (pg. 74)
- Apply estimation strategies and rounding rules to real-world problems (pg. 75-76)
- Solve real-world problems involving proportions, ratios, and rates of change (pg. 77-79)
- Translate phrases and sentences into expressions, equations, and inequalities (pg. 80-81)

➤ **Measurement and Data (9 items)**

- Interpret relevant information from tables, charts, and graphs (pg. 85-86)
- Evaluate the information in tables, charts, and graphs using statistics (pg. 87-89)
- Explain the relationship between two variables (pg. 90-91)
- Calculate geometric quantities (pg. 92-93)
- Convert within and between standard and metric systems (pg. 94-95)

Science (53 items only 47 are scored)

➤ **Human Anatomy and Physiology (32 items)**

- Describe the general anatomy and physiology of a human (pg. 107-108)
- Describe the anatomy and physiology of the respiratory and cardiovascular system (pg. 109-112)
- Describe the anatomy and physiology of the gastrointestinal and neuromuscular system (pg. 113-116)
- Describe the anatomy and physiology of the reproductive and integumentary system (pg. 117-120)
- Describe the anatomy and physiology of the endocrine and genitourinary system (pg. 121-124)
- Describe the anatomy and physiology of the immune and skeletal system (pg. 125-128)

➤ **Life and Physical Sciences (8 items)**

- Describe the basic macromolecules in a biological system (pg. 133-134)
- Compare and contrast chromosomes, genes, and DNA (pg. 135-136)
- Explain Mendel's laws of heredity (pg. 137-138)
- Recognize basic atomic structure (pg. 139-141)
- Explain characteristic properties of substances (pg. 142-143)
- Compare and contrast changes in states of matter (pg. 144-145)
- Describe chemical reactions (pg. 146-147)

➤ **Scientific Reasoning (7 items)**

- Identify basic scientific measurements using laboratory tools (pg. 151)
- Critique a scientific explanation using logic and evidence (pg. 152)
- Explain relationships among events, objects, and processes (pg. 153)
- Analyze the design of a scientific investigation (pg. 154)

English and Language Usage (28 items only 24 are scored)

- **Conventions of Standard English (9 items)**
 - Use conventions of Standard English spelling and punctuation (pg. 165-168)
 - Analyze various sentence structures (pg. 169-170)

- **Knowledge of Language (9 items)**
 - Use grammar to enhance clarity in writing (pg. 173-174)
 - Distinguish between formal and informal language (pg. 175-176)
 - Apply basic knowledge of the elements of the writing process (pg. 177-178)
 - Develop a well-organized paragraph (pg. 179-180)

- **Vocabulary Acquisition (6 items)**
 - Use context clues to determine the meaning of words or phrases (pg. 183)
 - Determine the meaning of words by analyzing word parts (pg. 184-185)

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