Individual Performance Profile
Health Occupations Basic Entrance Test V Form A

Individual Name:	**BETA 1 PRODUCTION**	**Adjusted Individual Total Score:**	**62.7%**
StudentID:			
Institution:	**ATI Allied Health AH**		
Program Type:	**Allied Health - General**		
Test Date:	**9/22/2010**		
# of Questions:	**150**		
Attempt:	**151 of 151**		
Days since last attempt:	**0**		

Scores

Sub-Scale	Adjusted Individual Score	Adjusted Individual Score (% correct)
HOBET Reading - (42 Items)	**71.4%**	▲ (≈72)
Paragraph and Passage Comprehension	68.4%	▲ (≈68)
Informational Source Comprehension	78.3%	▲ (≈78)
HOBET Mathematics - (30 Items)	**80.0%**	▲ (≈80)
Numbers and Operations	78.9%	▲ (≈79)
Algebraic Applications	75.0%	▲ (≈75)
Data Interpretation	66.7%	▲ (≈67)
Measurement	75.0%	▲ (≈75)
HOBET Science - (48 Items)	**54.2%**	▲ (≈54)
Human Body Science	54.5%	▲ (≈55)
Life Science	60.0%	▲ (≈60)
Earth and Physical Science	57.1%	▲ (≈57)
Scientific Reasoning	87.5%	▲ (≈88)
HOBET English and Language Usage - (30 Items)	**46.7%**	▲ (≈47)
Grammar and Word Meanings in Context	53.3%	▲ (≈53)
Spelling and Punctuation	55.6%	▲ (≈56)
Structure	50.0%	▲ (≈50)

Topics To Review

HOBET Reading (42 items)

Paragraph and Passage Comprehension (19 items)

Analyze and evaluate the use of text structure. (HOBET V Study Manual 1A8)

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Distinguish between fact and opinion, biases, and stereotypes. (HOBET V Study Manual 1A3)

Identify the characteristics of different passage types. (HOBET V Study Manual 1A10)

Identify the intent to persuade, inform, entertain, or express feelings. (HOBET V Study Manual 1A6)

Identify topic, main idea, supporting details, and themes. (HOBET V Study Manual 1A5)

Informational Source Comprehension (23 items)

Analyze the use of headings and subheadings. (HOBET V Study Manual 1B7)

Demonstrate understanding of a label's ingredients and directions. (HOBET V Study Manual 1B3)

Identify information from a printed communication. (HOBET V Study Manual 1B4)

Identify information from a sample listing of items and costs. (HOBET V Study Manual 1B14)

Identify information from a telephone book. (HOBET V Study Manual 1B13)

HOBET Mathematics (30 items)

Numbers and Operations (19 items)

Add (or subtract) two fractions or mixed numbers with unlike denominators. (HOBET V Study Manual 4A7)

Convert between Roman and Arabic numerals. (HOBET V Study Manual 4A13)

Solve word problems involving ratios, proportions, and rate of change. (HOBET V Study Manual 4A9)

Use mathematical reasoning or computational procedures to solve one- or two-step word problems with whole numbers. (HOBET V Study Manual 4A8)

Algebraic Applications (4 items)

Add, subtract, multiply, and divide polynomial terms. (HOBET V Study Manual 4B2)

Data Interpretation (3 items)

Read and interpret data from line, bar, or circle graphs. (HOBET V Study Manual 4C2)

Measurement (4 items)

Convert quantities from one measurement scale to another measurement scale. (HOBET V Study Manual 4D1)

HOBET Science (48 items)

Human Body Science (11 items)

Describe the functions of the circulatory system. (HOBET V Study Manual 3A1)

Describe the functions of the circulatory system. (HOBET V Study Manual 3A1)

Describe the functions of the digestive system. (HOBET V Study Manual 3A2)

Describe the general anatomy and physiology of a human. (HOBET V Study Manual 3A6)

Identify factors that influence birth rates and fertility rates. (HOBET V Study Manual 3A8)

Life Science (15 items)

Describe how RNA and DNA are involved in cell replication. (HOBET V Study Manual 3B10)

Describe the structures and functions of nucleic acids. (HOBET V Study Manual 3B8)

Explain the biological classification system. (HOBET V Study Manual 3B2)

Identify parts of a cell and its function. (HOBET V Study Manual 3B3)

Identify the structure and function of cellular organelles. (HOBET V Study Manual 3B4)

Identify the structure and function of cellular organelles. (HOBET V Study Manual 3B4)

Earth and Physical Science (14 items)

Balance and identify important chemical reactions. (HOBET V Study Manual 3C2)

Explain that chemical bonds result when electrons are shared or transferred between atoms. (HOBET V Study Manual 3C11)

Explain that chemical bonds result when electrons are shared or transferred between atoms. (HOBET V Study Manual 3C11)

Explain the difference of the atoms or molecules in liquids, gases, and solids. (HOBET V Study Manual 3C13)

Identify protons, neutrons, and electrons as major components of an atom. (HOBET V Study Manual 3C10)

Use pH scale to identify acid and base solutions. (HOBET V Study Manual 3C5)

Scientific Reasoning (8 items)

Communicate and defend a scientific argument. (HOBET V Study Manual 3D5)

HOBET English and Language Usage (30 items)

Grammar and Word Meanings in Context (15 items)

Apply subject-verb agreement rules. (HOBET V Study Manual 2A2)

Identify and use different parts of speech. (HOBET V Study Manual 2A4)

Identify and use different parts of speech. (HOBET V Study Manual 2A4)

Identify and use different parts of speech. (HOBET V Study Manual 2A4)

Use context clues to determine the meaning of words or phrases. (HOBET V Study Manual 2A7)

Use context clues to determine the meaning of words or phrases. (HOBET V Study Manual 2A7)

Use grammar for a stylistic effect and to enhance clarity. (HOBET V Study Manual 2A1)

Spelling and Punctuation (9 items)

Apply rules of spelling. (HOBET V Study Manual 2B1)

Apply the rules of ellipses, commas, semicolons, colons, hyphens, and parentheses. (HOBET V Study Manual 2B4)

Apply the rules of ellipses, commas, semicolons, colons, hyphens, and parentheses. (HOBET V Study Manual 2B4)

Apply the rules of quotation marks and apostrophes. (HOBET V Study Manual 2B5)

Structure (6 items)

Demonstrate sentence fluency. (HOBET V Study Manual 2C1)

Write simple sentences. (HOBET V Study Manual 2C3)

Write simple sentences. (HOBET V Study Manual 2C3)

Score Explanation and Interpretation
Individual Performance Profile

Adjusted Individual Total Score:
The adjusted individual total score is a function of the number of questions answered correctly divided by the number of questions on the assessment. This percentage-correct score is then adjusted to account for differences in the difficulty of the form taken, producing the adjusted individual total score. For example:

$$\frac{\text{Number of questions answered correctly}}{\text{Total number of questions on the assessment}} =$$

$$\frac{120}{150} = 80.0\% \left(\begin{array}{c}\text{Adjustment} \\ \text{for form} \\ \text{difficulty}\end{array}\right) = \text{Adjusted Individual Total Score}$$

Adjusted Individual Sub-Scale Scores:
Adjusted individual sub-scale scores are calculated in the same way as the adjusted individual total score (above); however, each sub-scale score is calculated separately based on the number of items in the subscale rather than the entire assessment. Note: Due to unequal numbers of items in each sub-scale, the individual total score may not be calculated directly from the sub-scale scores.

Means and Percentile Ranks:
A committee of allied health professionals from across the United States categorized the allied health professions into the categories listed on the next page based on their academic similarities.

Means and percentile ranks for these categories can be useful for comparing performance to other students who have taken the test. The tables that follow this page display the means and percentile ranks for the possible scores on the overall test and each subtest of the HOBET V. These tables are titled by category, are reviewed annually, and may be periodically reset as more students take the assessments.

Using the Lookup Tables:

TOTAL test score lookup table instructions:
Use the following four steps to determine your percentile rank for your overall test performance:

Step 1. Select the category that includes the program to which you have applied or are applying.

Step 2. Locate the lookup tables corresponding to the category you selected in Step 1. Use the page titled, "HOBET V Adjusted Individual Total Score to Percentile Rank Conversion."

Step 3. Locate your "Adjusted Individual Total Score" on page 1 of this score report. On the lookup table, find your score under the "Adjusted Individual Total Score" column.

Step 4. Your percentile rank is the value directly to the right of your "Adjusted Individual Total Score."

SUBTEST score lookup table instructions:
Under the "SCORES" heading on page 1 of this report, locate your "Adjusted Individual Total Score" for the subtest area of interest. To determine your percentile rank for each of your subtest performance scores repeat steps 3 and 4.

Mean and Percentile Rank Interpretation:
The mean and percentile rank are based on a group of examinees classified by their primary choice of allied health program to which they applied or were recently admitted (within a specified sample from the ATI data pool). The mean is interpreted as the average of examinee scores. The percentile rank is interpreted as the percent of examinees whose scores were the same as or lower than your individual score.

NA: Data not available

Pretest Items:
There are 20 unscored pretest questions throughout the assessment, and 150 scored questions. The pretest questions are used for research purposes.

Topics to Review:
Based on the questions missed on this assessment, a listing of content areas and topics to review is provided. A variety of learning resources may be used in the review process, including select components of ATI's Study Manual for the Health Occupations Basic Entrance Test (HOBET[®]) Version V, online practice assessments, and ATI's book titled Learning Strategies: Your Guide to Classroom and Test-Taking Success.

DISCLAIMER:
Adjusted individual total scores and corresponding percentile ranks are not provided for examinees completing fewer than four sections. Percentile rankings for individual content areas (Reading, Math, Science, and English) are based on results for examinees who have taken the entire assessment and cannot be considered comparable to scores obtained by examinees taking fewer than all four sections.

Allied Health Programs by HOBET V Category

Category S

- Biomedical Equipment Technician
- BloodBank Technologist
- Cardiovascular Technician
- Clinical Laboratory Technician
- Dental Hygienist
- Dialysis Technician
- EKG Technician
- Health Information Technologist
- Massage Therapist
- Medical Coder
- Medical Records Administrator
- Occupational Therapist Assistant
- Ophthalmology Technologist
- Physical Therapist Assistant
- Respiratory Therapist(CRT)
- Surgical Technologist

Category G

- Central Sterile Processing Technician
- Dental Assistant
- Emergency Medical Technician
- Medical Assistant
- Medical Office Assistant
- Medical Records Specialist
- Medical Records Technician
- Medical Transcriptionist
- Ophthalmic Medical Technician
- Patient Care Technician
- Pharmacy Technician
- Phlebotomist
- Surgical Assistant

Category L

- Athletic Trainer
- Cardiovascular Technologist
- Clinical Laboratory Technologist
- Computer Tomography Technologist
- Magnetic Resonance Technologist
- Medical Laboratory Technician
- Paramedic
- Radiographer
- Respiratory Therapist(RRT)

HOBET V CATEGORY S
Adjusted Individual Total Score to Percentile Rank Conversion
(mean = 59.4%)

Adjusted Individual Score	Percentile Rank
0.0% - 33.3%	1
34.0% - 36.0%	2
36.7% - 38.0%	3
38.7% - 39.3%	4
40.0%	5
40.7% - 41.3%	6
42.0%	7
42.7%	8
43.3%	9
44.0%	10
44.7%	11
45.3%	12
46.0%	13
46.7%	14
47.3%	15
48.0%	17
48.7%	18
49.3%	20
50.0%	21
50.7%	23
51.3%	25
52.0%	27
52.7%	28
53.3%	30
54.0%	32
54.7%	34
55.3%	37
56.0%	39
56.7%	41
57.3%	43
58.0%	45
58.7%	48
59.3%	50
60.0%	52
60.7%	54
61.3%	57
62.0%	59
62.7%	61
63.3%	63
64.0%	65
64.7%	67
65.3%	69
66.0%	71
66.7%	73
67.3%	75
68.0%	77
68.7%	78
69.3%	80
70.0%	82
70.7%	83
71.3%	84
72.0%	86

HOBET V CATEGORY S
Adjusted Individual Total Score to Percentile Rank Conversion
(mean = 59.4%)

Adjusted Individual Score	Percentile Rank
72.7%	87
73.3%	88
74.0%	89
74.7%	90
75.3%	91
76.0%	92
76.7%	93
77.3% - 78.0%	94
78.7% - 79.3%	95
80.0% - 80.7%	96
81.3% - 82.0%	97
82.7% - 84.7%	98
85.3% - 100.0%	99

Reading (mean = 69.8%)		Math (mean = 67.0%)		Science (mean = 47.1%)		English (mean = 58.2%)	
Adjusted Individual Subtest Score	**Percentile Rank**	**Adjusted Individual Subtest Score**	**Percentile Rank**	**Adjusted Individual Subtest Score**	**Percentile Rank**	**Adjusted Individual Subtest Score**	**Percentile Rank**
0.0% - 40.5%	1	0.0% - 26.7%	1	0.0% - 14.6%	1	0.0% - 23.3%	1
42.9%	2	30.0% - 33.3%	2	16.7% - 18.8%	2	26.7%	2
45.2%	3	36.7%	4	20.8%	3	30.0%	3
47.6%	4	40.0%	6	22.9%	5	33.3%	5
50.0%	6	43.3%	8	25.0%	6	36.7%	8
52.4%	9	46.7%	12	27.1%	8	40.0%	12
54.8%	12	50.0%	16	29.2%	11	43.3%	16
57.1%	16	53.3%	21	31.3%	13	46.7%	22
59.5%	21	56.7%	27	33.3%	17	50.0%	29
61.9%	27	60.0%	34	35.4%	21	53.3%	37
64.3%	34	63.3%	42	37.5%	25	56.7%	46
66.7%	41	66.7%	49	39.6%	30	60.0%	55
69.0%	48	70.0%	57	41.7%	35	63.3%	63
71.4%	55	73.3%	65	43.8%	41	66.7%	71
73.8%	62	76.7%	71	45.8%	46	70.0%	78
76.2%	69	80.0%	78	47.9%	52	73.3%	84
78.6%	75	83.3%	83	50.0%	58	76.7%	89
81.0%	81	86.7%	88	52.1%	64	80.0%	92
83.3%	85	90.0%	91	54.2%	69	83.3%	95
85.7%	89	93.3%	94	56.3%	74	86.7%	97
88.1%	92	96.7%	96	58.3%	78	90.0%	98
90.5%	95	100.0%	97	60.4%	82	93.3% - 100.0%	99
92.9%	96			62.5%	86		
95.2% - 97.6%	98			64.6%	89		
100.0%	99			66.7%	91		
				68.8%	93		
				70.8%	95		
				72.9%	96		
				75.0%	97		
				77.1%	98		
				79.2% - 100.0%	99		

HOBET V CATEGORY G	
Adjusted Individual Total Score to Percentile Rank Conversion	
(mean = 52.2%)	
Adjusted Individual Score	**Percentile Rank**
0.0% - 26.0%	1
26.7% - 28.7%	2
29.3% - 30.7	3
31.3% - 32.0%	4
32.7% - 33.3%	5
34.0%	6
34.7%	7
35.3% - 36.0%	8
36.7%	9
37.3%	10
38.0%	11
38.7%	13
39.3%	14
40.0%	15
40.7%	16
41.3%	18
42.0%	19
42.7%	21
43.3%	23
44.0%	24
44.7%	26
45.3%	28
46.0%	30
46.7%	32
47.3%	34
48.0%	36
48.7%	38
49.3%	40
50.0%	43
50.7%	45
51.3%	47
52.0%	49
52.7%	52
53.3%	54
54.0%	56
54.7%	58
55.3%	61
56.0%	63
56.7%	65
57.3%	67
58.0%	69
58.7%	71
59.3%	73
60.0%	75
60.7%	76
61.3%	78
62.0%	80
62.7%	81

HOBET V CATEGORY G
Adjusted Individual Total Score to Percentile Rank Conversion
(mean = 52.2%)

Adjusted Individual Score	Percentile Rank
63.3%	83
64.0%	84
64.7%	86
65.3%	87
66.0%	88
66.7%	89
67.3%	90
68.0%	91
68.7%	92
69.3%	93
70.0%	93
70.7%	94
71.3% - 72.0%	95
72.7% - 73.3%	96
74.0% - 74.7%	97
75.3% - 77.3%	98
78.0% - 100.0%	99

HOBET V CATEGORY G
Adjusted Individual Subtest Score to Percentile Rank Conversion

Reading (mean = 62.6%)		Math (mean = 57.2%)		Science (mean = 38.5%)		English (mean = 54.8%)	
Adjusted Individual Subtest Score	Percentile Rank	Adjusted Individual Subtest Score	Percentile Rank	Adjusted Individual Subtest Score	Percentile Rank	Adjusted Individual Subtest Score	Percentile Rank
0.0% - 31.0%	1	0.0% - 20.0%	1	0.0% - 12.5%	1	0.0% - 20.0%	1
33.3%	2	23.3%	2	14.6%	2	23.3%	2
35.7%	3	26.7%	4	16.7%	3	26.7%	4
38.1%	4	30.0%	6	18.8%	5	30.0%	6
40.5%	6	33.3%	8	20.8%	7	33.3%	9
42.9%	8	36.7%	11	22.9%	9	36.7%	13
45.2%	11	40.0%	16	25.0%	13	40.0%	18
47.6%	14	43.3%	21	27.1%	17	43.3%	24
50.0%	19	46.7%	27	29.2%	21	46.7%	30
52.4%	23	50.0%	34	31.3%	27	50.0%	38
54.8%	29	53.3%	41	33.3%	33	53.3%	46
57.1%	35	56.7%	49	35.4%	40	56.7%	55
59.5%	41	60.0%	57	37.5%	46	60.0%	63
61.9%	48	63.3%	64	39.6%	53	63.3%	70
64.3%	55	66.7%	71	41.7%	60	66.7%	77
66.7%	61	70.0%	77	43.8%	67	70.0%	83
69.0%	68	73.3%	83	45.8%	73	73.3%	88
71.4%	73	76.7%	87	47.9%	79	76.7%	92
73.8%	79	80.0%	91	50.0%	83	80.0%	94
76.2%	83	83.3%	94	52.1%	87	83.3%	96
78.6%	87	86.7%	96	54.2%	91	86.7%	98
81.0%	90	90.0%	97	56.3%	93	90.0% - 100.0%	99
83.3%	93	93.3%	98	58.3%	95		
85.7%	95	96.7% - 100.0%	99	60.4%	97		
88.1%	96			62.5%	98		
90.5% - 92.9%	98			64.6% - 100.0%	99		
95.2% - 100.0%	99						

HOBET V CATEGORY L
Adjusted Individual Total Score to Percentile Rank Conversion
(mean = 60.0%)

Adjusted Individual Score	Percentile Rank
0.0% - 35.3%	1
36.0% - 37.3%	2
38.0% - 39.3%	3
40.0% - 40.7%	4
41.3%	5
42.0% - 42.7%	6
43.3%	7
44.0%	8
44.7%	9
45.3%	10
46.0%	11
46.7%	12
47.3%	13
48.0%	14
48.7%	16
49.3%	17
50.0%	19
50.7%	20
51.3%	22
52.0%	24
52.7%	26
53.3%	28
54.0%	30
54.7%	32
55.3%	34
56.0%	36
56.7%	38
57.3%	41
58.0%	43
58.7%	45
59.3%	48
60.0%	50
60.7%	52
61.3%	55
62.0%	57
62.7%	59
63.3%	62
64.0%	64
64.7%	66
65.3%	68
66.0%	70
66.7%	72
67.3%	74
68.0%	76
68.7%	78
69.3%	80
70.0%	81
70.7%	83
71.3%	84
72.0%	86

HOBET V CATEGORY L
Adjusted Individual Total Score to Percentile Rank Conversion
(mean = 60.0%)

Adjusted Individual Score	Percentile Rank
72.7%	87
73.3%	88
74.0%	89
74.7%	90
75.3%	91
76.0%	92
76.7%	93
77.3% - 78.0%	94
78.7%	95
79.3% - 80.0%	96
80.7% - 82.0%	97
82.7% - 84.0%	98
84.7% - 100.0%	99

Reading (mean = 70.3%)		Math (mean = 67.9%)		Science (mean = 47.4%)		English (mean = 58.5%)	
Adjusted Individual Subtest Score	Percentile Rank	Adjusted Individual Subtest Score	Percentile Rank	Adjusted Individual Subtest Score	Percentile Rank	Adjusted Individual Subtest Score	Percentile Rank
0.0% - 42.9%	1	0.0% - 30.0%	1	0.0% - 16.7%	1	0.0% - 23.3%	1
45.2%	2	33.3%	2	18.8%	2	26.7%	2
47.6%	3	36.7%	3	20.8%	3	30.0%	3
50.0%	5	40.0%	5	22.9%	4	33.3%	5
52.4%	7	43.3%	7	25.0%	5	36.7%	8
54.8%	10	46.7%	10	27.1%	7	40.0%	12
57.1%	14	50.0%	14	29.2%	9	43.3%	17
59.5%	19	53.3%	19	31.3%	12	46.7%	23
61.9%	25	56.7%	25	33.3%	15	50.0%	29
64.3%	31	60.0%	32	35.4%	19	53.3%	37
66.7%	38	63.3%	39	37.5%	23	56.7%	45
69.0%	46	66.7%	47	39.6%	28	60.0%	54
71.4%	54	70.0%	55	41.7%	34	63.3%	62
73.8%	61	73.3%	63	43.8%	39	66.7%	70
76.2%	68	76.7%	70	45.8%	45	70.0%	77
78.6%	75	80.0%	77	47.9%	51	73.3%	83
81.0%	81	83.3%	83	50.0%	57	76.7%	88
83.3%	86	86.7%	87	52.1%	63	80.0%	92
85.7%	89	90.0%	91	54.2%	69	83.3%	94
88.1%	93	93.3%	94	56.3%	74	86.7%	96
90.5%	95	96.7%	96	58.3%	79	90.0%	98
92.9%	97	100.0%	97	60.4%	83	93.3% - 100.0%	99
95.2%	98			62.5%	86		
97.6% - 100.0%	99			64.6%	89		
				66.7%	92		
				68.8%	94		
				70.8%	96		
				72.9%	97		
				75.0% - 77.1	98		
				79.2% - 100.0%	99		