



## Topics To Review

Hematological System: Erythrocyte Destruction Anemia  
Hematological System: Stimulation of Erythrocyte Production  
Hematological System: Universal Recipient

### Cardiovascular System (3 items)

Cardiovascular System: Function of Heart Layers  
Cardiovascular System: Pressure Before Heart Contraction  
Cardiovascular System: Valve Structures

### Respiratory System (3 items)

Respiratory System: Inspiratory Phase of Respirations  
Respiratory System: Regulation of Respirations  
Respiratory System: Respiratory Control Center

### Urinary System (2 items)

Urinary System: Renal Anatomy  
Urinary System: Structure of a Nephron

### Gastrointestinal System (5 items)

Gastrointestinal System: Chemical Digestion of Protein  
Gastrointestinal System: Hormones  
Gastrointestinal System: Location of Common Bile Duct  
Gastrointestinal System: Nervous System Innervation  
Gastrointestinal System: Sections of Large Intestine

### Endocrine System (4 items)

Endocrine System: Electrolyte Imbalance After Thyroidectomy  
Endocrine System: Elements Necessary for Thyroid Function  
Endocrine System: Glandular Function  
Endocrine System: Hormone Production

### Reproductive System (3 items)

Reproductive System: Female Reproductive Hormones  
Reproductive System: Male Reproductive Tract  
Reproductive System: Ovarian Cycle

### Sensory and Neurological System (1 item)

Sensory and Neurological System: Deficit Due to Brain Injury

### Musculoskeletal System (2 items)

Musculoskeletal System: Oxygen Deprivation  
Musculoskeletal System: Role of Neurotransmitters

## Outcomes

| <b>Anatomy and Physiology</b> | <b>No of Items</b> | <b>Individual Score</b> | <b>Description</b>   |
|-------------------------------|--------------------|-------------------------|--|
| Anatomy                       | 17                 | 41.2%                   | Anatomy is the study of the structure and organization of the organs and body systems that make up the human body. |
| Physiology                    | 53                 | 54.7%                   | Physiology is the study of how the organs and organ systems function within the human body.                        |



# 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 scored 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:

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

$$\frac{50}{70} = 71.4\% \left( \begin{array}{c} \text{Adjustment} \\ \text{for form} \\ \text{difficulty} \end{array} \right) = \frac{\text{Adjusted Individual}}{\text{Total Score}}$$

### Norm-Referenced Measures:

Means and percentile ranks can be useful for comparing performance to other PN nursing students. These means and percentile ranks are initially set on a volunteer norming sample. They are reviewed annually, and may be periodically reset as more students take the assessments.

### Mean - National:

The national mean is the average of the individual scores of all PN test takers (within a specified sample from the ATI data pool) for this assessment.

### Percentile Rank - National:

The national percentile rank refers to the proportion of test takers from PN nursing programs (within a specified sample from the ATI data pool) whose scores are the same as or lower than your individual score.

**NA:** Data not available

**Pretest Items:** There are 5 unscored pretest questions throughout the assessment, and 70 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.