

Topics To Review

Fluids and Electrolytes/Acid-Base Balance (3 items)

- Acid-Base Balance: Respiratory Alkalosis
- Fluids and Electrolytes: Dehydration
- Fluids and Electrolytes: Effects of Excessive Aldosterone

Immunological System (1 item)

- Immunological System: Function of T-Helper Cells

Integumentary System (1 item)

- Integumentary System: Age-Associated Changes

Hematological System (2 items)

- Hematological System: Erythrocyte Destruction Anemia
- Hematological System: Stimulation of Erythrocyte Production

Cardiovascular System (3 items)

- Cardiovascular System: Cardiac Conduction
- Cardiovascular System: Heart Valves
- Cardiovascular System: Valve Structures

Respiratory System (3 items)

- Respiratory System: Expiratory Phase
- Respiratory System: Inspiratory Phase of Respirations
- Respiratory System: Pulmonary Function

Urinary System (1 item)

- Urinary System: Renal Anatomy

Gastrointestinal System (1 item)

- Gastrointestinal System: Location of Common Bile Duct

Endocrine System (5 items)

- Endocrine System: Cushing's Syndrome
- Endocrine System: Elements Necessary for Thyroid Function
- Endocrine System: Glandular Function
- Endocrine System: Hormone Production
- Endocrine System: Regulation of Testosterone

Reproductive System (3 items)

- Reproductive System: Female Reproductive Hormones
- Reproductive System: Ovarian Cycle
- Reproductive System: Site of Spermatozoa Maturation

Musculoskeletal System (1 item)

- Musculoskeletal System: Oxygen Deprivation

Outcomes

Anatomy and Physiology	No of Items	Individual Score	Description
Anatomy	17	52.9%	Anatomy is the study of the structure and organization of the organs and body systems that make up the human body.
Physiology	53	69.8%	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.