
HESI A2 PRACTICE TEST 2024 EXAM **STUDY GUIDE**

6.02 x 10⁻¹⁰ units - What is one mole equal to?

10⁻⁷ - What is the concentration of hydrogen ions in a neutral solution?

310.3 kelvin - A patient has a temp of 99.1 degrees Fahrenheit. What is the temp in kelvin?

A salt - What will adding an acid to a base yield

A. Light-dependent reactions of photosynthesis - During what process does hydrolysis occur to provide electrons to chlorophyll, which subsequently absorb energy?

- A. Light-dependent reactions of photosynthesis
- B. Light-independent reactions of photosynthesis
- C. Calvin cycle
- D. Krebs cycle

A. Parathyroid - Which gland is responsible for the regulation of calcium levels?

- A. Parathyroid
- B. Pituitary
- C. Adrenal
- D. Pancreas

A. Temp of gas increases - The average speed of the molecules in a gas increases, which of the following must be true?

- A. Temp of gas increases
- B. Pressure of gas increases
- C. Volume of gas increases
- D. Volume of gas decreases

A. Xiphoid process - Which of the following is NOT found in mediastinum?

- A. Xiphoid process
- B. Thymus
- C. Trachea
- D. Vagus nerve

Hesi A2 Practice Questions Study Guide

Anthony S. Fauci

A red circular graphic with a gradient, appearing as a partial circle or a thick curved line, located to the right of the author's name.

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web coordinates of v the standard coordinates are v_3 are the b_1 b are assumed if no other basis is specified this means $v = 3e_1 + 4e_2 + 4e_5 + 2e_{v_2}$ if $b = \{v_1, v_2, v_3\}$ is a basis of $\mathbb{R}^n$ then the matrix S which contains the vectors v_k as column vectors is called the coordinate change matrix

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