
A Perfect Synergy

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PTAEXAM: The Complete Study Guide’s academic review section is unparalleled in its breadth and depth. We don’t try to teach students everything there is to know about physical therapy - only the information and strategies they will need to pass the examination.

Informative academic information assists students to review and relearn critical NPTE-PTA content.

Clinical application templates guide students through the patient/client management of commonly encountered medical diagnoses.
Consider This offers students valuable information designed to increase flexibility with core academic content.

Safety and Protection, Professional Responsibilities: Research Essentials

1. Standard precautions include universal precautions and fasci, sterile techniques, and aseptic procedures. Standard precautions are applied to all procedures, including medical, surgical, and dental procedures.
2. Infection control practices are guidelines for the care of patients with infections and the prevention of nosocomial infections. They include aseptic techniques, sterilization, and preventive measures.
3. Infection control reduces the risk of infection transmission. Staff education and training are critical to infection control. Infection control should be integrated into daily care routines, and staff should be encouraged to follow proper infection control practices.
4. Professional responsibilities include ensuring the safety and well-being of patients, maintaining confidentiality, and being respectful of patients' cultural backgrounds.

Proficiencies provide students with an opportunity to determine their competency in a variety of academic areas.
Scorebuilders’ products are known for their creative design and innovative features. Break free from traditional encyclopedic resources and feel the power of well conceived design.

Tables, charts, graphics, and text allow students to quickly assimilate essential academic content.

Our innovative design allows study sessions to be more productive and enjoyable.
PTAEXAM ONE: QUESTION 134

A physical therapist assistant uses functional electrical stimulation as part of a treatment regimen designed to improve quadriceps strength. Which on:off time ratio would result in the MOST rapid onset of muscle fatigue?

1. 3:1
2. 1:4
3. 5:1
4. 1:6

Correct Answer: 3 (Prentice p. 126)

The on:off time ratio is simply a method to show the relative duration of the on time versus the off time. The muscle contracts during the on time and relaxes during the off time. The greater the on time in relation to the off time, the more rapid the onset of muscle fatigue.

1. An on:off time ratio of 3:1 indicates that there is three seconds of on time for every one second of off time. This ratio would promote fatigue, however, it is not the best answer.

2. An on:off time ratio of 1:4 indicates that there is one second of on time for every four seconds of off time. This ratio has significantly greater rest periods and therefore fatigue would not tend to be a large factor.

3. An on:off time ratio of 5:1 indicates that there is five seconds of on time for every one second of off time. This ratio would promote rapid fatigue given the extremely large on time in relation to the short off time.

4. An on:off time ratio of 1:6 indicates that there is one second of on time for every six seconds of off time. This ratio has the greatest rest period and therefore fatigue would not tend to be a factor.

Question

Our questions are designed to replicate the style, format, and difficulty level of the questions on the NPTE-PTA. The questions are located within our eLearning site Insight.

Correct Answer and Resource

This section provides the correct answer and the author name and page number that substantiates the correct answer. A bibliography provides complete information on each resource including the edition used.

Video Explanation

Video explanations provide candidates with the opportunity to watch videos that compare and contrast good, better, and best options for select examination questions.

General Statement

This section introduces relevant subject matter and offers related value added information.

Explanation of the Correct and Incorrect Options

The explanations offer incredibly detailed information supporting why the correct answer is correct and why each incorrect answer is incorrect. This feature is critically important to enhance decision making when choosing between good, better, and best options.

Our answer keys offer students unprecedented insight into why each correct answer is correct and each incorrect answer is incorrect.
Scorebuilders’ questions are thought-provoking, challenging questions designed to be consistent with the specifications and rigor of the NPTE-PTA blueprint.

**System and Content Outline Assignment**
This section assigns a system and content outline category to each question allowing candidates to assess examination performance in unique areas.

**Test Taking Tip**
This section offers unique Test Taking Tips, when possible, to assist candidates to use deductive reasoning strategies when academic knowledge alone is not adequate to correctly answer a question.

**Level Analysis**
This feature allows candidates to analyze their examination performance according to three different levels of questions.

- **Level 1** – Questions require candidates to possess basic foundational academic knowledge.
- **Level 2** – Questions require candidates to integrate numerous pieces of information or to apply knowledge in a given clinical scenario.
- **Level 3** – Questions require candidates to systematically analyze and often interpret information to determine an appropriate course of action. The questions tend to have some degree of subjectivity and candidates are required to assign varying degrees of importance to different variables.

**Academic Focus Area**
This feature immediately directs the user to critical pieces in the academic review section related to the particular subject matter.
A Technology Monster

Scorebuilders has made a massive investment in technology and uses this competitive advantage to provide students with the most realistic testing experience possible. Our eLearning platform Insight will amaze you in its level of sophistication. Continuous innovation and commitment to technology widens the gap between Scorebuilders and all other licensing companies.

Performance Analysis
After taking each of the examinations in Insight, candidates utilize the sophisticated performance analysis features to assess their examination performance. A brief description of some of the more prominent performance analysis features is presented.

Candidate Score
A candidate’s score reflects the number of questions answered correctly for a given examination.

Mean Score
The mean score allows candidates to compare their score to the average score of thousands of other candidates taking the same examination. The mean score accounts for the relative difficulty of the examination and is a critical piece of data for candidates when assessing examination performance.
**Item Analysis**
The item analysis feature allows candidates to identify the percentage of candidates answering the question correctly and the specific percentages of candidates selecting each of the four options. Candidates can utilize this information to critically evaluate their approach to answering questions and improve future decision making.

**Mastery Meter**
The Mastery Meter assigns candidates a level of mastery in each category based on the percentage of questions answered correctly. Candidates should strive to achieve a score of “Superior” or “Excellent” on the Mastery Meter in each category.

**System and Content Outline Analyses**
The system and content outline analyses offer candidates an immediate analysis of their performance in specific areas of the NPTE-PTA. Candidates can click on a given area and immediately review their performance in relation to the mean score of other users. They also have the ability to selectively review questions only within specific system and content outline areas.

**Study Stack**
Our Study Stack feature allows candidates to tag specific questions that they would like to review at a later time. Candidates can easily add or remove questions from their Study Stack by simply clicking the bookmark icon. Review a created Study Stack in its entirety or by System area. Customization of remedial activities is a great way to boost examination scores!
Jump Start your Academic Review!

Edition Guarantee!

We have always believed that sleep is overrated! As soon as we release a new edition of PTAEXAM: The Complete Study Guide, we immediately get to work on creating the next edition. Our eLearning site Insight includes an Edition Guarantee which delivers periodic updates to existing users of the current edition.

Basecamp - Start Climbing!

We created an innovative learning tool, Basecamp, that provides students with an incredibly efficient complementary product to review academic content within PTAEXAM: The Complete Study Guide. The content is organized in five distinct Mountains (Musculoskeletal, Neuromuscular, Cardiopulmonary, Other Systems, and Non-Systems) and 120 Trails. Each trail has dedicated assignments, videos, and exams. Collectively, Basecamp includes 5,000 content-driven questions. A $25 off coupon for Basecamp is included within Insight.
Class Orders and Volume Discounts

Take advantage of the opportunity to secure the most comprehensive review book available for the NPTE-PTA at savings of up to 25%. In addition, class orders include free shipping and handling within the continental United States.

PTAEXAM: The Complete Study Guide
Author: Scott Giles, PT, DPT, MBA
Retail Price: $85.00
Pages: 1000

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If you are a student interested in placing a group order, you can download an order form on our website on the Special Offers page.

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