

Name: _____

Date: May 22nd 2014

Ms. Britt

Physical Science: Study Guide for NC Final Exam

Directions: Read the following information, highlight and underline as you read. I recommend making index cards with the information below to test your knowledge. If you create 10 index cards with study information, or a study guide you made, I will give you +20 extra credit on your Mock Final (quiz).

Warning: You cannot prepare for this kind of test in one night. Questions will ask you to apply your knowledge, not list specific facts. Preparing for the NC Final Exam will take time, effort, and practice.

Mock NC Final Exam score: _____

- List 3-5 objectives you need to focus on while studying (ex: electrical circuits, naming compounds, balancing equations, half-life, etc....)

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Goal for NC Final Exam: _____

Time Management: Many students have good intentions for studying and preparing for a test, but without a plan, many will fall short of their goals. Here are some strategies for your study plan:

- Set realistic goals for what you want to accomplish during the holiday break
- Study during your most productive time of the day
- Study for reasonable amounts of time (marathon studying is not productive)
- Take breaks while studying
- Be consistent – establish a routine and stick to it!
- Reward yourself for a job well done ☺

Active Studying: Students who actively study will learn and retain information longer. What is active studying? It can be anything that gets you to interact with the material you are studying. For ex.:

- Carefully read the information and then DO something with it. Mark the important parts with a highlighter, circle them with a pen, write notes, or summarize in your own words
- Create sample test questions and answer them
- Find a friend and quiz each other

Basic SI Units

Length: meter (m)

Mass: kilogram (kg)

Temperature: kelvin (K)

Work: joules (J)

Time: seconds (s)

Energy: joules (J)

Power: watts (W)

Force: newtons (N)

Current: amps (A)

Voltage: volts (V)

Gravity: 9.8 m/s^2

Resistance: ohms Ω

Speed or Velocity: meters per second (m/s)

Acceleration: meters per second squared (m/s^2)

Physical Science Final Exam 3 Study Guide

Mrunal,Disha Experts



Physical Science Final Exam 3 Study Guide:

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Practice exams with answers and detailed explanations PET and PET/CT Study Guide Andrzej Moniuszko, Adam Sciuk, 2012-10-06 The PET and PET CT Study Guide presents a comprehensive review of nuclear medicine principles and concepts necessary for passing PET specialty board examinations The practice questions and content are similar to those found on the Nuclear Medicine Technology Certification Board NMTCB exam allowing test takers to maximize their chances of success The book is organized by test sections of increasing difficulty with over 650 multiple choice questions covering all areas of positron emission tomography including radiation safety radionuclides instrumentation and quality control patient care and diagnostic and therapeutic procedures Detailed answers and explanations to the practice questions follow Supplementary appendices include common formulas numbers and abbreviations along with a glossary of terms for easy access by readers The PET and PET CT Study Guide is a valuable reference for nuclear medicine technologists nuclear medicine physicians and all other imaging professionals in need of a concise review of the basics of PET and PET CT imaging

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web the block diagram in the figure shows the connection of two telephone exchanges through microwaves the output of the telephone exchange is applied to a mux multiplexing network the multiplexed signals are then sent to the microwave station by using cables or any other wireless media

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