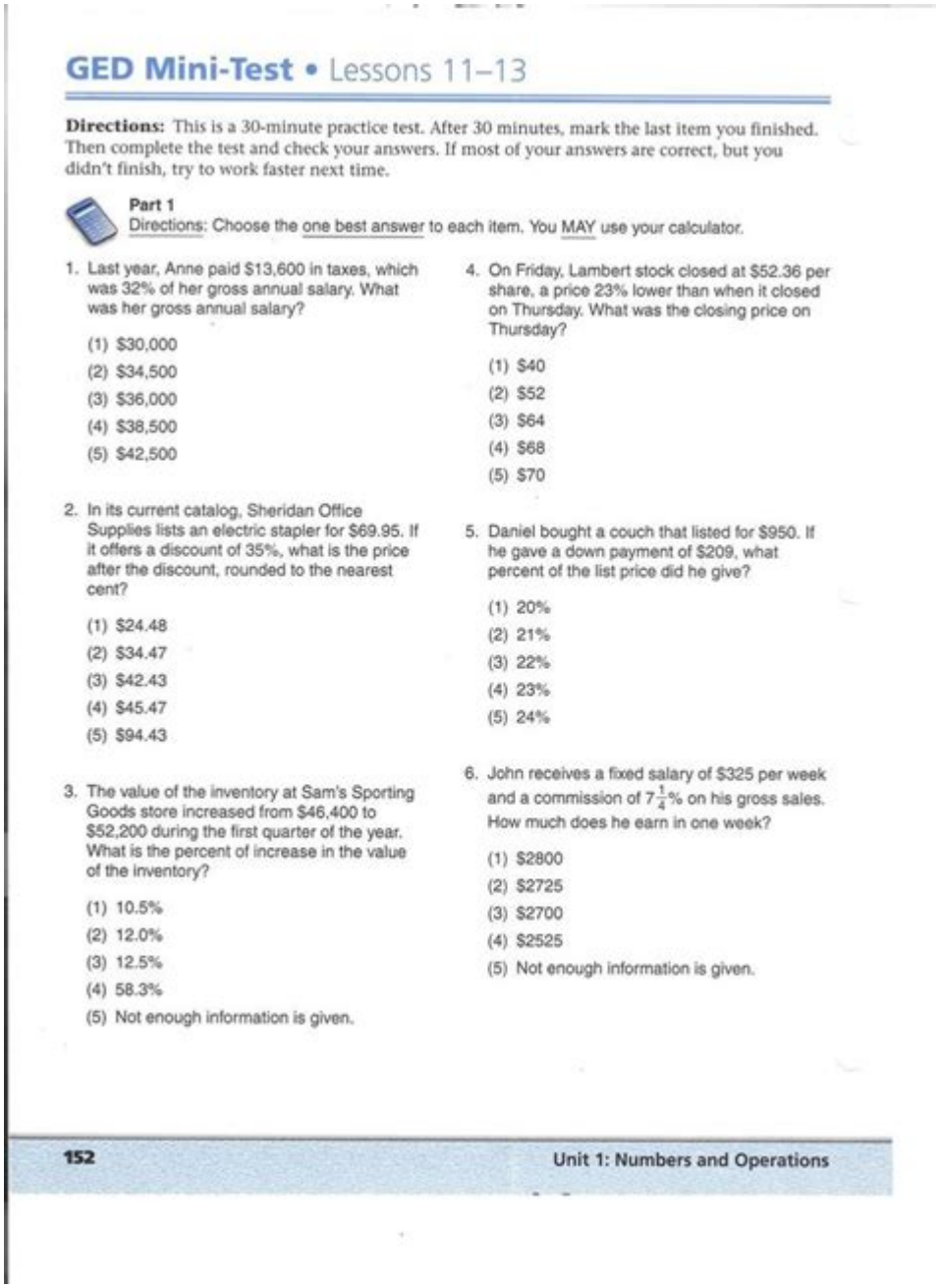
Science Ged Test Answers



GED Mini-Test • Lessons 11–13

Directions: This is a 30-minute practice test. After 30 minutes, mark the last item you finished. Then complete the test and check your answers. If most of your answers are correct, but you didn't finish, try to work faster next time.

Part 1
Directions: Choose the one best answer to each item. You MAY use your calculator.

1. Last year, Anne paid $13,600 in taxes, which was 32% of her gross annual salary. What was her gross annual salary?
   (1) $30,000
   (2) $34,500
   (3) $36,000
   (4) $38,500
   (5) $42,500

2. In its current catalog, Sheridan Office Supplies lists an electric stapler for $69.95. If it offers a discount of 35%, what is the price after the discount, rounded to the nearest cent?
   (1) $24.48
   (2) $34.47
   (3) $42.43
   (4) $45.47
   (5) $94.43

3. The value of the inventory at Sam's Sporting Goods store increased from $46,400 to $52,200 during the first quarter of the year. What is the percent of increase in the value of the inventory?
   (1) 10.5%
   (2) 12.0%
   (3) 12.5%
   (4) 58.3%
   (5) Not enough information is given.

4. On Friday, Lambert stock closed at $52.36 per share, a price 23% lower than when it closed on Thursday. What was the closing price on Thursday?
   (1) $40
   (2) $52
   (3) $64
   (4) $68
   (5) $70

5. Daniel bought a couch that listed for $950. If he gave a down payment of $209, what percent of the list price did he give?
   (1) 20%
   (2) 21%
   (3) 22%
   (4) 23%
   (5) 24%

6. John receives a fixed salary of $325 per week and a commission of $7\frac{1}{4}$% on his gross sales. How much does he earn in one week?
   (1) $2800
   (2) $2725
   (3) $2700
   (4) $2525
   (5) Not enough information is given.

Science GED test answers can be a significant concern for many individuals preparing for the General Educational Development (GED) test. The GED exam offers a second chance at earning a high school equivalency diploma, and the science section can be particularly challenging. This article delves into the structure of the GED science test, types of questions you may encounter, study strategies, and resources to help you succeed.

Understanding the GED Science Test

The GED Science test is designed to assess your understanding of scientific concepts and processes. It evaluates your ability to apply scientific reasoning, interpret data, and understand the nature of

science. The test comprises a variety of topics that reflect the essential components of high school science education.

Structure of the GED Science Test

The GED Science test includes:

- Total Number of Questions: 40 questions
- Time Allotted: 90 minutes
- Question Types: Multiple-choice, drag-and-drop, fill-in-the-blank, and hot spot questions

The questions often encompass three main content areas:

1. Life Science
2. Physical Science
3. Earth and Space Science

Key Topics Covered in the Science Test

The topics you need to be familiar with include:

- Life Science:
- Cell structure and function
- Genetics and heredity
- Evolution and natural selection
- Ecosystems and energy flow

- Physical Science:
- Matter and its properties
- Chemical reactions
- Motion and forces
- Energy forms and transformations

- Earth and Space Science:
- Earth's systems and processes
- Weather and climate
- The solar system and universe
- Human impacts on the environment

Types of Questions You May Encounter

The GED Science test features several types of questions that require different skills to answer effectively. Understanding these question types can help you prepare accordingly.

Multiple-Choice Questions

These questions present a question followed by four possible answers. You must select the best answer. For example:

Which of the following processes is primarily responsible for the transfer of energy in food webs?

A. Photosynthesis
B. Decomposition
C. Respiration
D. Energy flow

Correct Answer: A. Photosynthesis

Drag-and-Drop Questions

In these questions, you will be asked to match terms or concepts by dragging them into the appropriate categories. For instance, you might need to categorize different types of energy sources.

Fill-in-the-Blank Questions

These questions require you to supply the missing word or phrase in a statement. For example:

The process by which plants convert sunlight into energy is called _____.

Correct Answer: Photosynthesis

Hot Spot Questions

You will be asked to identify a specific area on a diagram or image. For example, you might need to click on a part of a plant cell to identify its function.

Study Strategies for the GED Science Test

To perform well on the GED Science test, effective preparation is crucial. Here are some study strategies that can enhance your chances of success.

Create a Study Schedule

Establish a study plan that allocates time each day or week to focus on different content areas.

Consistent study sessions will reinforce your knowledge and improve retention.

Utilize Study Guides and Resources

Consider using GED study guides or textbooks that focus on the science section. Look for materials that include:

- Practice questions with explanations
- Sample tests
- Flashcards for key terms and concepts

Practice with Online Resources

Many websites offer free or low-cost GED practice tests and study materials. Here are some recommended resources:

- Official GED Testing Service Website: It provides sample questions and test-taking tips.
- Khan Academy: Offers free courses in science topics relevant to the GED.
- Quizlet: A platform for creating and studying flashcards.

Engage in Group Study

Joining a GED study group can provide motivation and support. Discussing scientific concepts with peers can enhance understanding and retention of information.

Test-Taking Strategies

When you take the GED Science test, employ the following strategies to maximize your performance.

Read Questions Carefully

Take your time to read each question thoroughly. Pay attention to keywords and phrases that can help you determine the correct answer.

Eliminate Wrong Answers

If you're unsure about an answer, use the process of elimination. By ruling out choices that are obviously incorrect, you can increase your chances of selecting the right answer.

Manage Your Time Wisely

Keep track of the time as you progress through the test. If you find a question particularly challenging, move on and return to it later if time permits.

Stay Calm and Confident

Test anxiety can hinder performance. Practice relaxation techniques, such as deep breathing, to stay calm during the test. Remember that you have prepared and are capable of doing well.

Common Misconceptions About the GED Science Test

As you prepare for the test, it’s essential to dispel common myths that may hinder your confidence.

Myth 1: You Need Advanced Science Knowledge

While the GED Science test covers fundamental scientific concepts, it does not require advanced knowledge. Focus on high school-level material and key principles.

Myth 2: You Can’t Use a Calculator

The GED Science test allows the use of a scientific calculator. Familiarize yourself with how to use the calculator effectively to assist with calculations.

Myth 3: Memorization is Key

While memorizing facts can be helpful, understanding concepts and being able to apply them is crucial. Focus on comprehension and problem-solving skills.

Conclusion

Preparing for the GED Science test requires a combination of understanding the content, practicing various question types, and employing effective study strategies. By familiarizing yourself with the test structure and utilizing available resources, you can boost your confidence and improve your chances of achieving a passing score. Remember, the journey to earning your GED is a valuable investment in your future. Embrace the challenge, and with diligent preparation, you can conquer the science test and take a significant step toward your educational goals.

Frequently Asked Questions

What subjects are covered on the Science GED test?

The Science GED test covers topics in life science, physical science, earth and space science, and scientific practices.

How can I prepare for the Science GED test effectively?

You can prepare by studying using GED preparation books, taking practice tests, using online resources, and attending GED prep classes.

What types of questions are on the Science GED test?

The test includes multiple-choice questions, drag-and-drop items, and fill-in-the-blank questions that assess your understanding of scientific concepts.

Is there a passing score for the Science GED test?

Yes, the passing score for the Science GED test is typically 145 out of 200, but this may vary by state.

How long is the Science GED test?

The Science GED test is approximately 90 minutes long.

Can I use a calculator on the Science GED test?

You are allowed to use a scientific calculator for some parts of the Science GED test, but not all questions will require one.

What is the format of the Science GED test?

The Science GED test is computer-based and includes a variety of question formats, such as multiple-choice and grid questions.

Are there any specific skills I should focus on for the Science GED test?

Focus on scientific reasoning, interpreting data, understanding scientific concepts, and applying scientific knowledge to real-world scenarios.

Where can I find official practice tests for the Science GED test?

Official practice tests can be found on the GED Testing Service website or through local adult education centers offering GED preparation.

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