

Pima Medical Institute Wonderlic Practice Test (Sample)

Study Guide



Everything you need from our exam experts!

Copyright © 2025 by Examzify - A Kaluba Technologies Inc. product.

ALL RIGHTS RESERVED.

No part of this book may be reproduced or transferred in any form or by any means, graphic, electronic, or mechanical, including photocopying, recording, web distribution, taping, or by any information storage retrieval system, without the written permission of the author.

Notice: Examzify makes every reasonable effort to obtain from reliable sources accurate, complete, and timely information about this product.

SAMPLE

Questions

SAMPLE

- 1. If a new phone costs \$250 and a used one costs \$75, what would be the total income from selling one new and one used?**
 - A. \$325**
 - B. \$350**
 - C. \$375**
 - D. \$400**

- 2. What is the sum of 0.45, 52.12, 4.1111, 206, and 0.00029?**
 - A. 262.6824**
 - B. 263.6724**
 - C. 263.57139**
 - D. 262.68139**

- 3. What is the primary role of neurons in the nervous system?**
 - A. To support immune function**
 - B. To transmit electrical signals**
 - C. To transport oxygen**
 - D. To structure bodily tissues**

- 4. What type of reasoning does the Wonderlic test primarily evaluate?**
 - A. Spatial reasoning**
 - B. Verbal and numerical reasoning**
 - C. Logical reasoning**
 - D. Social reasoning**

- 5. What is a reason to read the directions carefully on the Wonderlic test?**
 - A. To save time**
 - B. To avoid misunderstandings that could lead to incorrect answers**
 - C. To impress the proctor**
 - D. To finish the test more quickly**

- 6. What is the main function of the colon?**
- A. To digest proteins**
 - B. To absorb water and electrolytes from indigestible food matter**
 - C. To produce bile for fat digestion**
 - D. To filter waste from the blood**
- 7. How many pairs of cranial nerves are there in the human body?**
- A. 8 pairs**
 - B. 10 pairs**
 - C. 12 pairs**
 - D. 14 pairs**
- 8. Which type of reasoning is NOT typically assessed by the Wonderlic test?**
- A. Verbal reasoning**
 - B. Quantitative reasoning**
 - C. Emotional reasoning**
 - D. Logical reasoning**
- 9. Is there a minimum age requirement to take the Wonderlic test?**
- A. Yes, you must be at least 18 years old**
 - B. No, but it's often recommended for adults**
 - C. You must be at least 21 years old**
 - D. Yes, you must be 16 years old**
- 10. Which mineral is crucial for bone health?**
- A. Iron**
 - B. Zinc**
 - C. Calcium**
 - D. Magnesium**

Answers

SAMPLE

1. A
2. D
3. B
4. B
5. B
6. B
7. C
8. C
9. B
10. C

SAMPLE

Explanations

SAMPLE

1. If a new phone costs \$250 and a used one costs \$75, what would be the total income from selling one new and one used?

A. \$325

B. \$350

C. \$375

D. \$400

To find the total income from selling one new phone and one used phone, simply add the prices of both phones together. The new phone is priced at \$250, while the used phone is priced at \$75. When you combine these amounts, the calculation is straightforward: \$250 (new phone) + \$75 (used phone) = \$325. This sum represents the total income generated from the sale of both phones. Therefore, the correct answer reflects the accurate total when performing the addition of both values.

2. What is the sum of 0.45, 52.12, 4.1111, 206, and 0.00029?

A. 262.6824

B. 263.6724

C. 263.57139

D. 262.68139

To find the sum of the numbers 0.45, 52.12, 4.1111, 206, and 0.00029, each number needs to be aligned according to its decimal point before being added. Starting from the left, you would add: 1. Starting with 0.45, we can think of it as 0.45000 to make adding easier. 2. Next, adding 52.12 can be rewritten as 52.12000. 3. Then, 4.1111 is treated as 4.11110 for alignment. 4. The number 206 can be expressed as 206.00000. 5. Lastly, 0.00029 remains as it is. Aligning them allows you to add them systematically: $0.45000 + 52.12000 + 4.11110 + 206.00000 + 0.00029 = 262.68139$. Now, adding from the rightmost side, we handle the decimal places one column at a time starting from the right. 1. For the thousandths place, $0 + 0 + 0 + 0 + 0 = 0$.

3. What is the primary role of neurons in the nervous system?

A. To support immune function

B. To transmit electrical signals

C. To transport oxygen

D. To structure bodily tissues

The primary role of neurons in the nervous system is to transmit electrical signals. Neurons are specialized cells that process and transmit information through electrical and chemical signals. This transmission of signals allows for communication between different parts of the nervous system, coordinating responses throughout the body. Neurons are critical for various functions, including reflex actions, sensory perception, and complex processes such as reasoning and memory. In contrast, supporting immune function is not a role of neurons; that function is primarily carried out by the cells of the immune system. Transporting oxygen is the primary responsibility of red blood cells, not neurons. Finally, while the nervous system does play a role in influencing bodily tissues, it does not structure them; instead, this is typically the function of connective and epithelial tissues. Thus, the correct choice reflects the essential function of neurons in facilitating communication in the nervous system.

4. What type of reasoning does the Wonderlic test primarily evaluate?

- A. Spatial reasoning**
- B. Verbal and numerical reasoning**
- C. Logical reasoning**
- D. Social reasoning**

The Wonderlic test primarily evaluates verbal and numerical reasoning, which are essential skills in many educational and professional settings. Verbal reasoning involves understanding and analyzing written information, while numerical reasoning pertains to the ability to work with numbers, interpret data, and solve mathematical problems. These skills are vital for academic success and in various fields such as healthcare, business, and technology. Verbal reasoning also helps individuals comprehend language, make inferences, and recognize relationships between concepts. Numerical reasoning allows for effective decision-making based on quantitative information, which is crucial in fields that require data analysis or financial literacy. By focusing on these areas, the Wonderlic test assesses an individual's capability to think critically and solve problems, core competencies needed in most careers and educational pursuits.

5. What is a reason to read the directions carefully on the Wonderlic test?

- A. To save time**
- B. To avoid misunderstandings that could lead to incorrect answers**
- C. To impress the proctor**
- D. To finish the test more quickly**

Reading the directions carefully on the Wonderlic test is crucial to avoid misunderstandings that could lead to incorrect answers. The instructions often provide specific guidance on how to approach the questions, including the types of answers that are expected or any particular rules that need to be followed. Misinterpreting these directions can result in making errors that could easily be avoided if the test-taker took the time to fully understand the requirements of each section before attempting to answer the questions. By ensuring clarity in what is being asked, test-takers can better demonstrate their knowledge and skills, ultimately leading to more accurate and higher scores on the test.

6. What is the main function of the colon?

- A. To digest proteins
- B. To absorb water and electrolytes from indigestible food matter**
- C. To produce bile for fat digestion
- D. To filter waste from the blood

The main function of the colon, also known as the large intestine, is to absorb water and electrolytes from indigestible food matter. As food passes through the digestive tract, particularly in the small intestine, most nutrients are absorbed. However, the remaining material, which is primarily made up of water and undigested food fibers, enters the colon. The colon plays a crucial role in reabsorbing water and electrolytes back into the body, which helps to prevent dehydration and maintains electrolyte balance. This process also converts the remaining waste into a more solid form, ultimately preparing it for excretion. This function is vital for overall health, as proper absorption in the colon contributes to maintaining optimal hydration levels and effective waste management within the body.

7. How many pairs of cranial nerves are there in the human body?

- A. 8 pairs
- B. 10 pairs
- C. 12 pairs**
- D. 14 pairs

The human body contains 12 pairs of cranial nerves. These nerves emerge directly from the brain and brainstem rather than from the spinal cord. Each pair of cranial nerves has a specific function that can range from sensory, such as the sense of smell or vision, to motor functions, controlling muscles, and even autonomic functions. The twelve pairs of cranial nerves are numbered I through XII and are categorized primarily based on their functions—some are sensory only, some are motor only, and others are mixed, containing both sensory and motor fibers. Understanding the role of each cranial nerve is crucial in fields such as medicine and anatomy, as they play vital roles in many physiological processes within the body. This anatomical fact is a core part of human anatomy education, making it essential for students in medical fields or those studying neuroanatomy. The presence of other options might suggest confusion over the total count of cranial nerves, but 12 is the established and universally accepted number in medical literature.

8. Which type of reasoning is NOT typically assessed by the Wonderlic test?

- A. Verbal reasoning**
- B. Quantitative reasoning**
- C. Emotional reasoning**
- D. Logical reasoning**

The Wonderlic test primarily measures cognitive abilities related to verbal reasoning, quantitative reasoning, and logical reasoning. Verbal reasoning assesses understanding and processing language, while quantitative reasoning evaluates mathematical skills and problem-solving abilities. Logical reasoning involves the ability to recognize patterns, make inferences, and derive conclusions based on information. Emotional reasoning, on the other hand, involves the ability to identify, understand, and manage emotions in oneself and others. This type of reasoning is not a focus of the Wonderlic test, which is designed to assess cognitive skills rather than emotional or interpersonal intelligences. Therefore, the correct answer highlights an aspect of reasoning that falls outside the scope of what the Wonderlic test evaluates.

9. Is there a minimum age requirement to take the Wonderlic test?

- A. Yes, you must be at least 18 years old**
- B. No, but it's often recommended for adults**
- C. You must be at least 21 years old**
- D. Yes, you must be 16 years old**

The right answer indicates that while there isn't a strict minimum age requirement to take the Wonderlic test, it is generally advised for adults. This is due to the nature of the test, which is often utilized in educational and employment settings where individuals are typically of adult age. The test is designed to measure cognitive abilities and skills that are expected to be developed during adulthood. Therefore, while younger individuals can take the test, the results are usually more applicable and meaningful for adults who are entering the workforce or pursuing higher education. It's important to understand the context in which the Wonderlic test is generally administered, as it often aligns with adult learning and employment needs, further supporting the recommendation for adults rather than imposing a minimum age limit.

10. Which mineral is crucial for bone health?

- A. Iron
- B. Zinc
- C. Calcium**
- D. Magnesium

Calcium is essential for bone health because it is the primary mineral found in bones and teeth. It provides structural support, ensuring that bones remain strong and dense, which helps prevent fractures and osteoporosis. The body requires a continuous supply of calcium to maintain bone mass throughout life, as bones are constantly being remodeled. Adequate calcium intake is particularly important during childhood and adolescence when bone growth is most significant but remains vital at all stages, including adulthood and old age, to maintain overall skeletal health. While iron, zinc, and magnesium are also important for various bodily functions, their roles differ from that of calcium. Iron is primarily involved in oxygen transport in the blood, zinc supports immune function and wound healing, and magnesium aids in muscle function and energy production. However, none of these minerals serve the primary structural role in bones that calcium does. Therefore, calcium is uniquely positioned as the crucial mineral for maintaining healthy bones.