

HESI ENTRANCE PRACTICE EXAM (SAMPLE)

STUDY GUIDE



Prepare with structure. Pass with confidence



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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

Questions

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- 1. Which term signifies a surgical procedure involving the removal of body parts?**
 - A. Resection
 - B. Excision
 - C. Incision
 - D. Cervicectomy
- 2. What term describes being equal in size, shape, and relative position?**
 - A. Strict
 - B. Symptom
 - C. Symmetric
 - D. Supplement
- 3. What does the term 'vertebral' refer to?**
 - A. Chest
 - B. Vertebrae
 - C. Abdomen
 - D. Pelvis
- 4. Which term refers to the side of the body?**
 - A. Medial
 - B. Distal
 - C. Lateral
 - D. Dorsal
- 5. What descriptor is used for a sound that can be heard?**
 - A. Sonic
 - B. Audible
 - C. Noisy
 - D. Resonant
- 6. What does 'morphology' study primarily focus on?**
 - A. Structure and form
 - B. Bone health
 - C. Visual health
 - D. Blood circulation

- 7. What does the term anteroposterior refer to?**
- A. Frontal position
 - B. Position toward the head
 - C. Frontal to back positioning
 - D. Position toward the tail
- 8. Which condition is indicated by the term "rhinitis"?**
- A. Inflammation of the throat
 - B. Inflammation of the nose
 - C. Inflammation of the lungs
 - D. Inflammation of the ears
- 9. What is a synonym for 'to take in addition to'?**
- A. Stimulate
 - B. Supplement
 - C. Enhance
 - D. Discontinue
- 10. Which of the following specialties is associated with the study of the nervous system?**
- A. Cardiology
 - B. Neurology
 - C. Hematology
 - D. Pathology

Answers

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

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Explanations

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1. Which term signifies a surgical procedure involving the removal of body parts?

- A. Resection
- B. Excision
- C. Incision

D. Cervicectomy

The term that signifies a surgical procedure involving the removal of body parts, particularly in a way that is widely understood and utilized within medical contexts, is excision. Excision specifically refers to the surgical removal of tissue or a part, which encompasses a range of procedures where bodily structures are removed due to disease, injury, or for diagnostic purposes. Resection is also a relevant term, commonly used for the removal of a section of an organ or tissue. However, excision is a more general term that can apply to various specific scenarios, including the complete removal of a tumor or lesion. Cervicectomy refers specifically to the removal of the cervix, which is a surgical procedure for certain medical conditions, but it does not encompass the broader category of surgical removals as excision does. Incision, on the other hand, is the act of cutting into tissue or an organ but does not imply removal of body parts. Therefore, excision stands out as the correct term that captures the general concept of surgical removal in various contexts.

2. What term describes being equal in size, shape, and relative position?

- A. Strict
- B. Symptom
- C. Symmetric**
- D. Supplement

The term that describes being equal in size, shape, and relative position is "symmetric." In geometry and various scientific fields, symmetry indicates that one shape or object is a mirror image of another. When objects are symmetric, they exhibit a balanced form, meaning that each side is a counterpart to the other. This concept is often applied in mathematics, physics, and biology, as symmetry can have important implications for structure and function. Understanding symmetry is crucial in fields like anatomy where body structures are often compared for health assessments, as well as in visual arts and design, where aesthetic balance is sought. The other terms do not convey this specific meaning—strict refers to precise adherence to rules or principles, symptom pertains to an observable sign of a condition or disease, and supplement refers to something added to enhance or complete a whole.

3. What does the term 'vertebral' refer to?

- A. Chest
- B. Vertebrae**
- C. Abdomen
- D. Pelvis

The term 'vertebral' specifically pertains to the vertebrae, which are the individual bones that make up the spine. This context highlights the term's association with the backbone or spinal column, emphasizing the anatomical significance of the vertebrae in the structure and function of the human body. The vertebrae play a crucial role in protecting the spinal cord, providing structural support, and enabling movement in conjunction with surrounding muscles and ligaments. Understanding this term is essential for recognizing various medical and anatomical discussions that relate to spinal health and conditions affecting the vertebral column.

4. Which term refers to the side of the body?

- A. Medial
- B. Distal
- C. Lateral
- D. Dorsal

The term that refers to the side of the body is "lateral." In anatomical terminology, "lateral" describes a position that is farther from the midline of the body or toward the sides. For instance, if you think of the body's structure, the arms are lateral to the torso because they extend outward from the center of the body. This distinction is essential in fields such as anatomy and medicine, where clear communication about locations and relationships in the body is crucial for understanding and conveying information effectively. The other terms hold different meanings. "Medial" indicates a position closer to the midline, while "distal" describes points further away from the trunk of the body or from a specific reference point (typically in relation to the limbs). "Dorsal" refers to the back side of the body or an organ. Recognizing these definitions helps clarify body positioning and relationships, which is vital in both understanding human anatomy and in practical applications in healthcare.

5. What descriptor is used for a sound that can be heard?

- A. Sonic
- B. Audible
- C. Noisy
- D. Resonant

The term "audible" is used to describe sounds that can be heard. It signifies that the sound is at a level of intensity or frequency that is within the range of human hearing. For a sound to be considered audible, it must fall within the typical frequency range of 20 Hz to 20,000 Hz, which is the standard hearing range for most humans. This concept is crucial in various fields, including acoustics and communication, where understanding the properties of sound is essential for effective interactions and sound design. In contrast, "sonic" generally refers to sound that is characterized by its wave properties, often emphasizing speed or frequency rather than just the ability to hear it. "Noisy" describes sounds that are loud or disruptive but does not pertain to the specific quality of being heard. Meanwhile, "resonant" focuses on the ability of an object to vibrate in response to certain frequencies, rather than whether those vibrations produce a sound that is audible to the human ear.

6. What does 'morphology' study primarily focus on?

- A. Structure and form
- B. Bone health
- C. Visual health
- D. Blood circulation

Morphology primarily focuses on the study of structure and form. This field encompasses the examination of the shape, size, and arrangement of living organisms' structures, both at the macroscopic and microscopic levels. In biology, morphology can refer to aspects such as the physical characteristics of organisms, their anatomical features, and how those features contribute to their functioning and adaptation. Understanding morphology is crucial in various biological disciplines, including botany, zoology, and human anatomy, as it provides insights into how organisms develop, evolve, and interact with their environments. By emphasizing structure and form, morphology intersects with fields like genetics, ecology, and evolution, helping to illuminate the relationship between physical features and the survival needs of organisms.

7. What does the term anteroposterior refer to?

- A. Frontal position
- B. Position toward the head
- C. Frontal to back positioning**
- D. Position toward the tail

The term "anteroposterior" refers specifically to a direction or plane that runs from the front (anterior) to the back (posterior) of the body. This term is often used in medical and anatomical contexts to describe how structures relate to each other in a straight line from the front to the back. In imaging techniques, such as X-rays, anteroposterior views are taken to get a clear perspective of how structures align along this front-to-back axis. This descriptive term helps in understanding spatial relationships in the body, which is critical for diagnosis and treatment in healthcare settings. The other terms do not accurately capture this front-to-back orientation: "frontal position" refers to a side-to-side perspective, "position toward the head" describes a direction that is superior, and "position toward the tail" indicates a direction that is inferior. Therefore, anteroposterior is specifically correct because it encompasses the front-to-back directional relationship.

8. Which condition is indicated by the term "rhinitis"?

- A. Inflammation of the throat
- B. Inflammation of the nose**
- C. Inflammation of the lungs
- D. Inflammation of the ears

Rhinitis refers specifically to the inflammation of the mucous membranes in the nose. It often presents with symptoms such as nasal congestion, runny nose, sneezing, and itching. This condition can be caused by various factors, including allergies (allergic rhinitis), infections (viral rhinitis), or irritants in the environment. Understanding rhinitis is important, particularly in distinguishing it from other inflammatory conditions. For instance, inflammation of the throat is known as pharyngitis, inflammation of the lungs is referred to as pneumonia or bronchitis depending on the area affected, and inflammation of the ears is termed otitis. Each of these conditions has distinct signs, symptoms, and treatments, further highlighting the specificity of the term rhinitis to nasal inflammation.

9. What is a synonym for 'to take in addition to'?

- A. Stimulate
- B. Supplement**
- C. Enhance
- D. Discontinue

The term 'to take in addition to' implies the idea of adding something extra to what is already present. The word 'supplement' perfectly captures this meaning, as it refers to something that is added to complete or enhance the whole. In various contexts, to supplement something can mean to provide additional resources, information, or support, which aligns directly with the notion of taking something extra. In contrast, the other options do not fit the same definition. 'Stimulate' relates to encouraging or increasing activity but does not suggest addition in the same way. 'Enhance' implies improvement but does not specifically denote the act of taking in addition to. Lastly, 'discontinue' means to stop or cease something, which is the opposite of adding. Hence, 'supplement' is clearly the most appropriate synonym for 'to take in addition to.'

10. Which of the following specialties is associated with the study of the nervous system?

- A. Cardiology
- B. Neurology**
- C. Hematology
- D. Pathology

The specialty associated with the study of the nervous system is neurology. This field focuses on diagnosing and treating disorders that affect the brain, spinal cord, and peripheral nerves. Neurologists are trained to understand the complex functions of the nervous system and address various conditions such as epilepsy, multiple sclerosis, Parkinson's disease, and stroke, among others. In contrast, cardiology deals with disorders of the heart and blood vessels, hematology focuses on blood and its disorders, and pathology involves the study of disease processes and the effects of diseases on the body. Each of these fields covers distinct areas of medicine, making neurology the correct choice for the study of the nervous system.

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Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

<https://hesientrance.examzify.com>

We wish you the very best on your exam journey. You've got this!

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