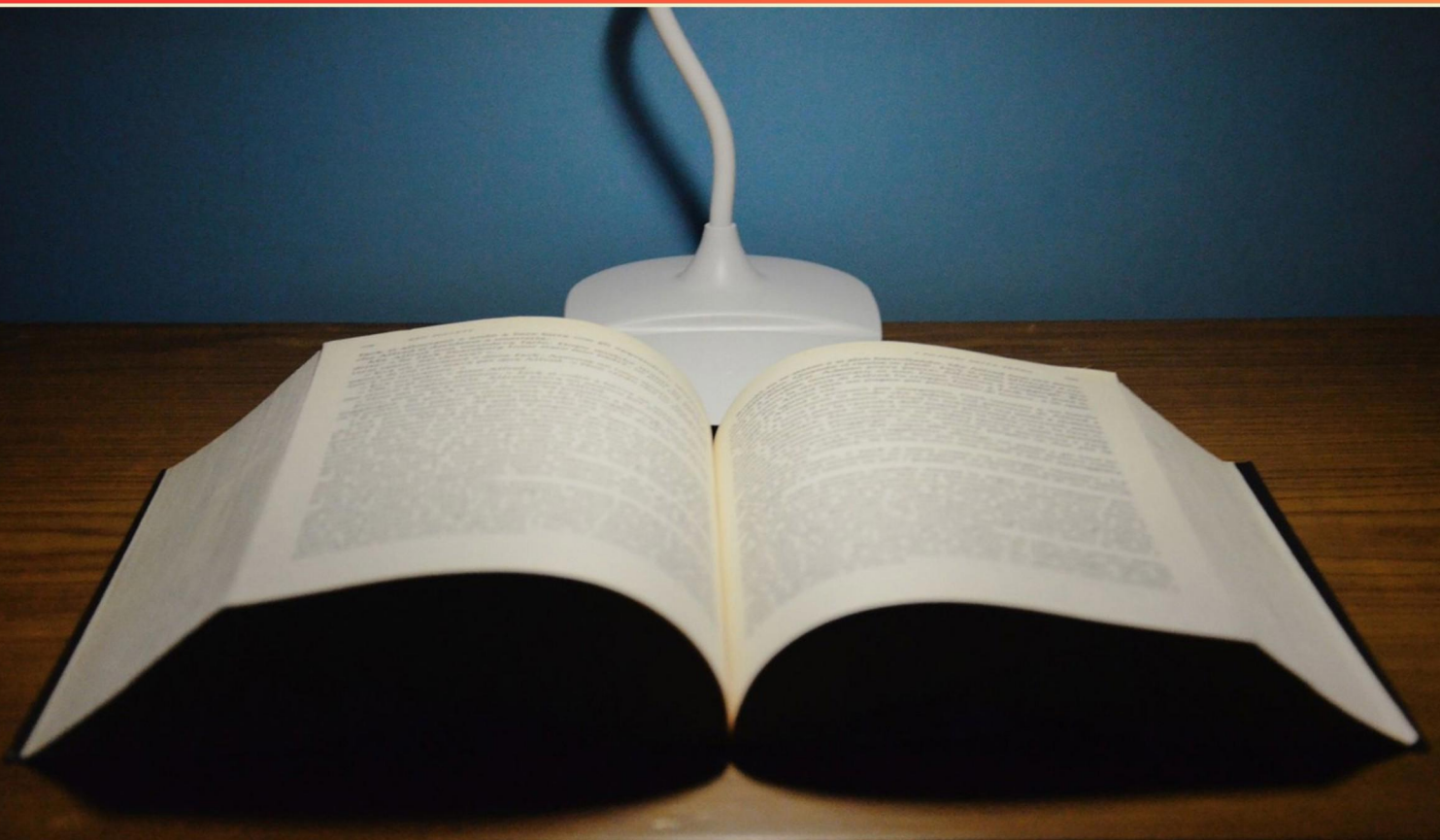


BASICS OF MEDICAL TERMINOLOGY PRACTICE TEST (SAMPLE)

STUDY GUIDE



**SAMPLE STUDY GUIDE
WITH LIMITED QUESTIONS**

**VISIT US ONLINE FOR
THE FULL VERSION STUDY GUIDE**

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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 prefix is used to denote four parts, as in quadriplegia?**
 - A. Quad-
 - B. Bi-
 - C. Tri-
 - D. Hemi-

- 2. Which pairing correctly matches a disease with the person it was named after?**
 - A. Alzheimer's Disease — Dr. Alois Alzheimer
 - B. Down Syndrome — Dr. James Parkinson
 - C. Lou Gehrig's Disease — Dr. Tourette
 - D. Tourette Syndrome — Dr. Down

- 3. Which suffix means "pertaining to" among the following?**
 - A. -ac
 - B. -graph
 - C. -meter
 - D. -scope

- 4. In medical terminology, which suffix indicates an instrument used to record an image?**
 - A. -graph
 - B. -meter
 - C. -scope
 - D. -itis

- 5. The suffix -otomy means**
 - A. incision; cut into
 - B. crushing
 - C. study of
 - D. protrusion, hernia

6. What is the function of a combining vowel?

- A. Connects word parts for easier pronunciation
- B. Indicates negation
- C. Determines the suffix
- D. Indicates number

7. Which prefix means three?

- A. Tri-
- B. Quad-
- C. Bi-
- D. Hemi-

8. Which abbreviation is used for a test evaluating blood components like cells and platelets?

- A. CBC
- B. BP
- C. PT
- D. HA

9. Which suffix denotes surgical repair?

- A. -plasty
- B. -ectomy
- C. -centesis
- D. -lysis

10. What does the prefix eu- mean? Provide an example term.

- A. Bad/abnormal; dyspnea
- B. Normal; euthanasia
- C. Good/normal; eupnea
- D. Good/normal; euphemism

Answers

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

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Explanations

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1. Which prefix is used to denote four parts, as in quadriplegia?

- A. Quad-**
- B. Bi-
- C. Tri-
- D. Hemi-

The concept being tested is how numeric prefixes convey quantity in medical terms. The prefix that means four is quad- (often seen as quadri- in combined forms). In quadriplegia, four limbs are paralyzed, so the term explicitly signals four parts being affected. That makes quad- the best fit for indicating the number of parts involved. The other prefixes indicate two parts (bi-), three parts (tri-), or half (hemi-), which do not describe paralysis of all four limbs. Quad- is commonly used in terms referring to four, which reinforces its meaning.

2. Which pairing correctly matches a disease with the person it was named after?

- A. Alzheimer's Disease – Dr. Alois Alzheimer**
- B. Down Syndrome – Dr. James Parkinson
- C. Lou Gehrig's Disease – Dr. Tourette
- D. Tourette Syndrome – Dr. Down

Names of many medical conditions honor the clinician who first described them. Alzheimer's disease is named after Alois Alzheimer, the physician who first described the distinctive dementia and brain changes associated with the condition. That link is why this pairing is correct. The other pairings mix up who the disease was named for. Down syndrome is named after John Langdon Down, not a physician named James Parkinson. Parkinson's disease is named after James Parkinson, not connected to Down in this context. Lou Gehrig's disease refers to the athlete Lou Gehrig, not a doctor, and Tourette syndrome is named after Georges Gilles de la Tourette, not a Dr. Down.

3. Which suffix means "pertaining to" among the following?

- A. -ac**
- B. -graph
- C. -meter
- D. -scope

Suffix that means "pertaining to" forms adjectives describing a relationship or characteristic to a root. The suffix -ac serves this function, giving words like cardiac, which means pertaining to the heart. The other endings point to tools or actions: -graph refers to something that writes or records, -meter to a device that measures, and -scope to an instrument for viewing. So -ac is the suffix that conveys the sense of "pertaining to."

4. In medical terminology, which suffix indicates an instrument used to record an image?

- A. -graph**
- B. -meter
- C. -scope
- D. -itis

Suffix -graph signals an instrument that records something, often producing a graphic image or trace. The root graph means to write or record, so a device named with -graph is one that captures data or an image—like an electrocardiograph that records the heart's electrical activity or an angiograph that records images of blood vessels. In contrast, -meter denotes a measuring device, -scope is for viewing or examining, and -itis means inflammation. So the best choice is the suffix -graph because it designates an instrument used to record an image.

5. The suffix -otomy means

- A. incision; cut into**
- B. crushing
- C. study of
- D. protrusion, hernia

The main idea here is that the suffix -otomy signals a surgical opening or incision into a body part. It describes cutting into something to create an opening, as seen in terms like tracheotomy or craniotomy, where the procedure involves making an incision to access the interior. This aligns with the meaning "incision; cut into." Other suffixes point to different actions: -tripsy means crushing (as in lithotripsy), -logy means the study of, and -cele denotes a hernia or protrusion. Those distinctions show why -otomy is the correct choice for "incision; cut into."

6. What is the function of a combining vowel?

- A. Connects word parts for easier pronunciation**
- B. Indicates negation
- C. Determines the suffix
- D. Indicates number

A combining vowel is a bridge that links word parts so medical terms are easy to pronounce. The most common one is 'o,' and it connects a root to a suffix or to another root, smoothing pronunciation when consonants would clash. For instance, gastr/o/logy joins the root gastr- with the suffix -logy, using the vowel to connect the parts. It does not convey negation, it does not determine which suffix will be used, and it does not indicate number. Note that sometimes the vowel is omitted if the suffix begins with a vowel, but the job of a combining vowel is connection and ease of pronunciation.

7. Which prefix means three?

- A. Tri-
- B. Quad-
- C. Bi-
- D. Hemi-

Numbers in medical terms are shown by prefixes; tri- denotes three. You can see this in words like triceps (three heads), triangle (three angles), and tricuspid valve (three cusps). The other options correspond to two (bi-), four (quad-), and half (hemi-), so they don't fit the meaning of three.

8. Which abbreviation is used for a test evaluating blood components like cells and platelets?

- A. CBC
- B. BP
- C. PT
- D. HA

Understanding which test evaluates the cellular parts of blood is key. A complete blood count, or CBC, is the test that measures the main blood components: red blood cells, white blood cells, and platelets, and it also assesses hemoglobin and hematocrit. This provides a broad view of blood health and helps detect anemia, infections, and clotting issues. The other abbreviations point to different concepts: BP refers to blood pressure, a vital sign; PT stands for prothrombin time, which gauges blood clotting factors rather than cell counts; HA is not a standard abbreviation for a blood component test (often representing headache). So the abbreviation used for evaluating blood components like cells and platelets is CBC.

9. Which suffix denotes surgical repair?

- A. -plasty
- B. -ectomy
- C. -centesis
- D. -lysis

Repair or reconstruction of a structure is indicated by the suffix -plasty. It signals a surgical procedure aimed at repairing, reshaping, or restoring function—for example, rhinoplasty repairs or reshapes the nose, and arthroplasty repairs or replaces a joint. The other suffixes denote different types of procedures: -ectomy means surgical removal, -centesis is a puncture to withdraw fluid, and -lysis refers to destruction or dissolution of tissue. Thus, -plasty is the suffix that denotes surgical repair.

10. What does the prefix eu- mean? Provide an example term.

- A. Bad/abnormal; dyspnea
- B. Normal; euthanasia
- C. Good/normal; eupnea**
- D. Good/normal; euphemism

eu- means good, normal, or well. In eupnea, the eu- prefix combines with pnea (breathing) to denote normal, unlabored breathing, which directly shows the meaning of the prefix. The other terms use eu- in different contexts (such as euthanasia: "good death"; euphemism: "good speech"), which don't illustrate the idea of a normal physiological state as clearly as eupnea does. So the best example of eu- meaning good/normal is eupnea.

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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://basicsmedterms.examzify.com>

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

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