PROFESSIONAL AND LINGUISTIC ASSESSMENTS BOARD (PLAB) PRACTICE EXAM (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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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.

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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!

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Questions

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1. **What is the most appropriate investigation for suspected osteomyelitis?**
   - A. X-ray
   - B. CT scan
   - C. MRI
   - D. Bone scan

2. **Which of the following actions does exenatide promote?**
   - A. Increased glucagon release
   - B. Promote insulin release
   - C. Accelerate gastric emptying
   - D. Enhance vitamin absorption

3. **What percentage of individuals exhibit right dominant circulation?**
   - A. 85%
   - B. 75%
   - C. 95%
   - D. 65%

4. **What is a significant risk associated with antipsychotic medication in elderly patients?**
   - A. Weight gain
   - B. Cardiac arrest
   - C. Stroke
   - D. Severe nausea

5. **What condition is associated with blisters on the abdomen during pregnancy?**
   - A. Cholestasis of pregnancy
   - B. Pemphigoid gestationis
   - C. Gestational diabetes
   - D. Atopic eruption

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6. What is the minimum age recommended for the insertion of a Mirena IUD?

A. 18 years

B. 20 years

C. 25 years

D. 30 years

7. What triad of symptoms is associated with Wernicke's encephalopathy?

A. Confusion, seizures, and paralysis

B. Confusion, ophthalmoplegia, and ataxia

C. Ataxia, dysarthria, and memory loss

D. Ophthalmoplegia, akathisia, and anxiety

8. Which area is affected in a pure motor stroke?

A. Anterior limb of internal capsule

B. Posterior limb of internal capsule

C. Basal ganglia

D. Cerebellum

9. What is the normal range for HCO3 in mEq/L?

A. 20-24

B. 22-29

C. 25-30

D. 27-32

10. What is a distinguishing symptom of pemphigoid gestationis compared to other pregnancy-related rashes?

A. Presence of pink rings on limbs

B. Formation of blisters

C. Itchiness of the lesions

D. Dryness of the skin

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Answers

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

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Explanations

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1. What is the most appropriate investigation for suspected osteomyelitis?

A. X-ray

B. CT scan

C. MRI

D. Bone scan

The most appropriate investigation for suspected osteomyelitis is MRI. This imaging technique provides detailed visualization of both bone and soft tissue structures, making it particularly effective for detecting inflammation, infection, and marrow changes associated with osteomyelitis. MRI can identify the presence of osteomyelitis earlier than other imaging modalities, as it shows not just the bone involvement but also related soft tissue changes, such as abscess formation or edema. In the context of investigating osteomyelitis, while X-rays can reveal bone changes over time, they may not show early disease manifestations and can miss subtle signs. CT scans are useful for evaluating complex areas of the body and may show bone details but are less sensitive compared to MRI for soft tissue abnormalities. A bone scan, while helpful in detecting metabolic activity in the bones and can indicate areas of infection, it lacks the specificity of MRI for confirming osteomyelitis, as it can also show increased uptake in various other conditions. Therefore, MRI is the most suitable choice for providing a comprehensive view needed for diagnosing osteomyelitis.

2. Which of the following actions does exenatide promote?

A. Increased glucagon release

B. Promote insulin release

C. Accelerate gastric emptying

D. Enhance vitamin absorption

Exenatide is a medication belonging to the class of glucagon-like peptide-1 (GLP-1) receptor agonists. Its primary mechanism of action involves promoting insulin release from the pancreas in response to elevated blood glucose levels. This insulinotropic effect helps improve glycemic control in individuals with type 2 diabetes. Additionally, exenatide reduces appetite and slows gastric emptying, which can further contribute to its effects on postprandial blood sugar levels. In the context of the other options, exenatide does not stimulate glucagon release, as that would counteract its insulin-promoting effects. It also does not accelerate gastric emptying; in fact, one of its actions is to slow this process to help regulate blood sugar spikes after meals. Furthermore, while exenatide does not have a direct role in enhancing vitamin absorption, it affects digestion and metabolism, which can indirectly influence nutrient absorption but not as a primary effect. Thus, the correct response highlights that exenatide specifically promotes insulin release, supporting its role in managing type 2 diabetes effectively.

3. What percentage of individuals exhibit right dominant circulation?

A. 85%

B. 75%

C. 95%

D. 65%

In the context of coronary circulation, a significant majority of the population demonstrates right dominant circulation, which is characterized by the right coronary artery supplying the majority of the heart, including the posterior descending artery that supplies the inferior wall of the heart. Research indicates that approximately 85% of individuals have this circulation pattern. This predominance of right dominance is clinically relevant as it impacts surgical approaches, the interpretation of imaging studies, and the management of various cardiovascular conditions. Understanding the prevalence of right dominant circulation assists healthcare professionals in evaluating coronary artery diseases and planning interventions, such as bypass surgery or stenting.

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4. What is a significant risk associated with antipsychotic medication in elderly patients?

A. Weight gain

B. Cardiac arrest

C. Stroke

D. Severe nausea

In elderly patients, antipsychotic medications are associated with an increased risk of stroke, particularly ischemic stroke. This concern stems from the physiological changes that occur with aging, such as alterations in medication metabolism and increased sensitivity to side effects. The risk of cerebrovascular events has been highlighted in various studies, leading to warnings about their use in this demographic. For elderly patients who may already have risk factors such as hypertension or other cardiovascular issues, the addition of antipsychotics can worsen their overall health profile. Therefore, it is crucial for healthcare providers to weigh the benefits of antipsychotic therapy against the potential for serious adverse effects, including the risk of stroke. In contrast, while weight gain, cardiac arrest, and severe nausea can occur as side effects of antipsychotics, they are not as prominently associated with the elderly population as the increased risk of stroke. Thus, the heightened concern for stroke in this age group underscores the need for careful consideration and monitoring when prescribing these medications.

5. What condition is associated with blisters on the abdomen during pregnancy?

A. Cholestasis of pregnancy

B. Pemphigoid gestationis

C. Gestational diabetes

D. Atopic eruption

Pemphigoid gestationis is the condition associated with blisters on the abdomen during pregnancy. It is an autoimmune skin disorder that typically appears in the second or third trimester and is characterized by the development of itchy, fluid-filled blisters. The lesions often begin around the abdomen and may spread to other areas of the body. The cause is believed to be related to an abnormal immune response, usually involving autoantibodies that target components of the skin's basement membrane. While cholestasis of pregnancy can result in severe itching, particularly on the palms and soles, it does not typically present with blisters. Gestational diabetes is primarily a metabolic condition that affects blood sugar levels and does not involve skin manifestations such as blisters. Atopic eruption, including conditions like pruritic urticarial papules and plaques of pregnancy, may cause itchy rashes but does not usually present with the vesicular lesions characteristic of pemphigoid gestationis. Understanding pemphigoid gestationis helps in diagnosing and managing the condition effectively during the perinatal period.

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6. What is the minimum age recommended for the insertion of a Mirena IUD?

A. 18 years

B. 20 years

C. 25 years

D. 30 years

The recommendation for the minimum age for Mirena IUD insertion is typically guided by professional guidelines which suggest that it can generally be inserted in individuals who are 18 years or older. The Mirena IUD is an intrauterine device that releases levonorgestrel, a hormone effective for contraception and management of heavy menstrual bleeding. Its use is usually advised for those who have a history of childbearing, but it is also deemed safe for nulliparous women of reproductive age starting at 18. Choosing an age of 20 years might stem from caution around the physical and emotional maturity needed to manage an IUD, or potential complications that may arise in younger candidates. However, medical guidelines generally allow for insertion at 18, making the age of 20 an unnecessarily restrictive recommendation in practice. In clinical settings, the decision for IUD insertion is personalized, factoring in individual health, fertility plans, and consent.

7. What triad of symptoms is associated with Wernicke's encephalopathy?

A. Confusion, seizures, and paralysis

B. Confusion, ophthalmoplegia, and ataxia

C. Ataxia, dysarthria, and memory loss

D. Ophthalmoplegia, akathisia, and anxiety

The triad of symptoms associated with Wernicke's encephalopathy includes confusion, ophthalmoplegia, and ataxia. This condition is primarily associated with thiamine (vitamin B1) deficiency, which is often seen in chronic alcoholics or those with malnutrition. Confusion often presents as altered mental status, ranging from disorientation to full-blown delirium. Ophthalmoplegia refers to the paralysis or weakness of the muscles around the eyes, leading to issues like double vision and inability to move the eyes properly. Ataxia is characterized by a lack of coordination and balance, affecting a person's ability to walk or perform other motor tasks effectively. The combination of these symptoms indicates a significant neurological impairment, and prompt diagnosis and treatment are crucial to prevent further complications, including progression to Korsakoff syndrome, which can result from untreated Wernicke's encephalopathy. Other options provided do not accurately represent the classic presentation of this condition, thus emphasizing the significance of the correct triad. Understanding this triad is vital for clinical recognition and timely intervention in patients who may be at risk.

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8. Which area is affected in a pure motor stroke?

A. Anterior limb of internal capsule

B. Posterior limb of internal capsule

C. Basal ganglia

D. Cerebellum

A pure motor stroke primarily affects the posterior limb of the internal capsule. This area contains corticospinal fibers that are crucial for voluntary motor control. When a stroke occurs here, it disrupts the pathways responsible for transmitting motor signals from the brain to various parts of the body, resulting in motor deficits. The posterior limb's damage leads to contralateral weakness or paralysis, typically affecting the face, arm, and leg in a proportion that reflects the distribution of the motor cortex. In essence, the specific nature of a pure motor stroke—characterized by the inability to perform voluntary movements without significant sensory or visual deficits—is a hallmark of injury to the posterior limb of the internal capsule, as it primarily deals with motor information. While the anterior limb of the internal capsule, basal ganglia, and cerebellum are essential components of the brain that are involved in motor function, they are more associated with other conditions or mixed deficits rather than isolation leading to a pure motor stroke. For instance, the basal ganglia are involved in the regulation of movements and can lead to more complex movement disorders rather than pure motor weakness.

9. What is the normal range for HCO3 in mEq/L?

A. 20-24

B. 22-29

C. 25-30

D. 27-32

The normal range for bicarbonate (HCO3) in the blood is typically considered to be between 22 to 29 mEq/L. Bicarbonate serves a crucial role in maintaining the body's acid-base balance, acting as a buffer to regulate pH levels in the blood. When assessing a patient's metabolic status, understanding the bicarbonate level helps in diagnosing conditions such as metabolic acidosis or metabolic alkalosis. Values outside this normal range can indicate underlying health issues. For instance, low bicarbonate levels may suggest metabolic acidosis, often seen in conditions like diabetic ketoacidosis or chronic kidney disease, while elevated levels may indicate metabolic alkalosis, which could occur in cases of chronic vomiting or excessive use of diuretics. Recognizing that bicarbonate levels within the specified normal range are essential for ensuring a proper physiological environment aids in effective clinical decision-making.

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10. What is a distinguishing symptom of pemphigoid gestationis compared to other pregnancy-related rashes?

A. Presence of pink rings on limbs

B. Formation of blisters

C. Itchiness of the lesions

D. Dryness of the skin

Pemphigoid gestationis is characterized specifically by the formation of blisters, which distinguishes it from other pregnancy-related rashes. This condition is an autoimmune blistering disorder that typically presents during the second or third trimester, with the initial lesions often appearing as urticarial plaques that then develop into tense blisters. The blisters can occur in various locations on the body, but they are particularly common on the abdomen and areas under tension, such as the limbs. Other symptoms such as itchiness can be associated with rash conditions during pregnancy, including conditions like pruritic urticarial papules and plaques of pregnancy, but the blister formation is unique to pemphigoid gestationis. The presence of pink rings or the general dryness of the skin may occur in other dermatological conditions but do not define this specific disorder. Therefore, the distinguishing feature of pemphigoid gestationis is indeed the formation of blisters.

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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:

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

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