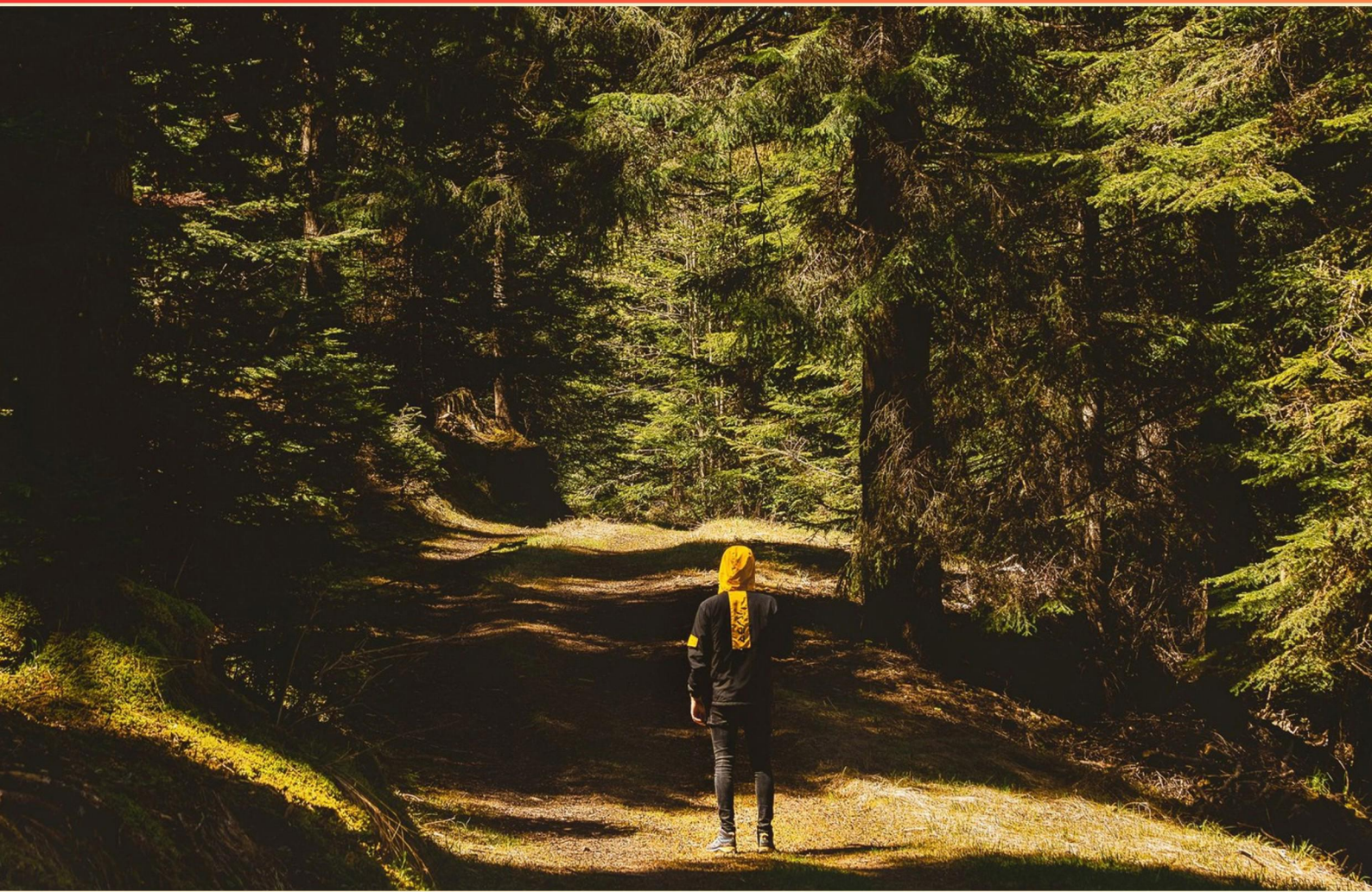


DENR ADMINISTRATIVE ORDER (DAO) 2007-29 PRACTICE TEST (SAMPLE) STUDY GUIDE



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 term refers to the result of a Cadastral Survey, drawn to appropriate scale and showing all land parcels and important natural and man-made features within a municipality/project, for purposes of describing and recording ownership?**
 - A. Cadastral Map (CM)
 - B. Cadastral Plan
 - C. Plat Map
 - D. Parcel Map
- 2. What is the function of 'records and reporting' under the DAO 2007-29 framework?**
 - A. To document compliance, monitoring results, incidents, and permit-related information for government agencies.
 - B. To produce marketing materials.
 - C. To collect financial data only.
 - D. To archive only noise reports.
- 3. The Head of the concerned government agency or his/her duly authorized representative shall issue survey authority; what must be included in the survey returns to support jurisdiction?**
 - A. Photographs
 - B. Map of property
 - C. Copy of pertinent laws, legal documents or muniment of title
 - D. List of surveyors
- 4. Upon full implementation of PRS92, which datum shall be the sole datum for all surveys and mapping?**
 - A. PPCS/PRS92 Datum
 - B. Luzon 1911 Datum
 - C. PPCS/Luzon1911 Datum
 - D. PRS92 Datum

- 5. Which term refers to the Philippine Reference System of 1992, a national common coordinate reference system for all surveys and maps pursuant to Executive Order No. 45 dated January 5, 1993, as amended?**
- A. PRS91
 - B. Philippine Spatial Reference
 - C. National Coordinate System 1993
 - D. PRS92
- 6. What is the purpose of an environmental baseline in EIA?**
- A. To forecast future environmental conditions after project completion.
 - B. To determine project financing options.
 - C. To establish the existing environmental conditions prior to project implementation.
 - D. To replace the need for an EIS.
- 7. The modified Luzon Datum 1911 was adopted as the datum for which coordinate system?**
- A. PPCS/Luzon1911
 - B. PPCS/PRS92
 - C. PRS92
 - D. Local Plane Coordinate System
- 8. Subdivision of A&D lands of not more than 1,500 hectares into 50 parcels or more.**
- A. Public Land Subdivision
 - B. Isolated Surveys
 - C. Group Settlement/Townsite Subdivision Surveys
 - D. Public Land Surveys
- 9. A GE shall first secure a survey order or which term before conducting survey of lands of the public domain?**
- A. survey permit
 - B. survey report
 - C. survey authority
 - D. survey license

10. The Philippine Transverse Mercator (PTM) coordinates are transformed from geographic to grid coordinates on which combined system?

- A. PPCS/PRS92
- B. PPCS/Luzon 1911
- C. Local Plane Coordinate System
- D. Philippine Plane Coordinate System

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Answers

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

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Explanations

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1. Which term refers to the result of a Cadastral Survey, drawn to appropriate scale and showing all land parcels and important natural and man-made features within a municipality/project, for purposes of describing and recording ownership?

A. Cadastral Map (CM)

B. Cadastral Plan

C. Plat Map

D. Parcel Map

The main concept is the map produced from a cadastral survey that is drawn to scale and shows every land parcel plus important natural and man-made features within a municipality or project for describing and recording ownership. This product is called a cadastral map. It serves as the authoritative spatial reference for identifying parcel boundaries, lot numbers, and relevant features, all at a scale suitable for precise legal descriptions and land records. A cadastral plan and a plat map describe different aspects or contexts—plans are often plan sheets accompanying surveys or used for planning, plats focus on subdivision layouts, and parcel maps provide a more general representation of parcel boundaries for basic records. The cadastral map uniquely combines accuracy, scale, and comprehensive parcel detail needed to describe and record ownership.

2. What is the function of 'records and reporting' under the DAO 2007-29 framework?

A. To document compliance, monitoring results, incidents, and permit-related information for government agencies.

B. To produce marketing materials.

C. To collect financial data only.

D. To archive only noise reports.

Records and reporting in this framework is about creating an auditable trail of how a facility complies with environmental permits. It involves documenting compliance status, monitoring results, incidents, and permit-related information for government agencies. This function matters because regulators rely on these records to verify that permit conditions are being met, to review monitoring data like water or air quality results, and to respond to any incidents such as spills or violations. Keeping detailed, accessible records of permit numbers, conditions, expiry dates, and how monitoring data was gathered ensures transparency, supports enforcement when needed, and helps with periodic reviews and policy decisions. Other options miss the essential regulatory purpose. Marketing materials don't serve regulatory oversight, collecting financial data alone doesn't capture environmental performance, and archiving only noise reports omits the broader scope of compliance, monitoring, and permit management that regulators need.

3. The Head of the concerned government agency or his/her duly authorized representative shall issue survey authority; what must be included in the survey returns to support jurisdiction?

- A. Photographs
- B. Map of property
- C. Copy of pertinent laws, legal documents or muniment of title**
- D. List of surveyors

The essential idea is that a survey's authority must be grounded in a legal basis. To support jurisdiction, the survey returns should attach documents that establish who has the right to conduct the survey and what land is involved. A copy of pertinent laws, legal documents, or muniment of title provides that foundation—showing the official authority to survey and the recognized ownership or status of the land. Without this legal basis, the survey could be challenged on who has jurisdiction or what land is being described. Photographs may illustrate conditions but don't prove who has the legal authority or the rightful property boundaries. A map of the property is part of the survey product but does not by itself establish jurisdiction; it describes the area rather than proving the authority or ownership. A list of surveyors is administrative and confirms who carried out the work, not the legal basis for the survey.

4. Upon full implementation of PRS92, which datum shall be the sole datum for all surveys and mapping?

- A. PPCS/PRS92 Datum
- B. Luzon 1911 Datum
- C. PPCS/Luzon1911 Datum
- D. PRS92 Datum**

The concept being tested is the adoption of a single, consistent geodetic reference for all surveying and mapping in the Philippines. PRS92 is a geocentric, GPS-compatible datum designed for this purpose, anchoring all spatial data to one standard. When fully implemented, every survey and map uses coordinates tied to the PRS92 datum, replacing older datums like Luzon 1911. The PPCS is a plane coordinate grid that is defined relative to the datum, not a separate datum itself. So the official sole datum for all surveys and mapping becomes the PRS92 Datum, ensuring uniform coordinates nationwide and compatibility with GPS and modern geospatial work.

5. Which term refers to the Philippine Reference System of 1992, a national common coordinate reference system for all surveys and maps pursuant to Executive Order No. 45 dated January 5, 1993, as amended?

- A. PRS91
- B. Philippine Spatial Reference
- C. National Coordinate System 1993
- D. PRS92**

PRS92, the Philippine Reference System of 1992, is the national common coordinate reference system for all surveys and maps in the Philippines. It was established under Executive Order No. 45 dated January 5, 1993 (as amended) to provide one standardized geodetic framework so coordinates from any survey or map align on the same datum and projection across the country. This standardization enables consistent positioning for government and private mapping, GPS, and geographic data sharing, replacing earlier local datums and ensuring uniformity nationwide. The other terms don't reflect the official designation: PRS91 would imply a different year, the term Philippine Spatial Reference isn't the formal name, and National Coordinate System 1993 isn't the recognized designation used in the EO.

6. What is the purpose of an environmental baseline in EIA?

- A. To forecast future environmental conditions after project completion.
- B. To determine project financing options.
- C. To establish the existing environmental conditions prior to project implementation.**
- D. To replace the need for an EIS.

The key idea here is to have a reference point for what the environment looks like before any project activity begins. An environmental baseline provides a detailed snapshot of current conditions—air and water quality, soils, biodiversity, noise, land use, and even social and cultural aspects. This baseline serves as the yardstick for measuring any changes the project might cause. With it, you can predict which effects would be significant, assess how those effects would alter the environment over time, and design appropriate mitigation and monitoring plans. It also helps distinguish changes caused by the project from natural variation or other outside factors. So, the purpose is to establish the existing environmental conditions prior to project implementation.

7. The modified Luzon Datum 1911 was adopted as the datum for which coordinate system?

- A. PPCS/Luzon1911
- B. PPCS/PRS92
- C. PRS92**
- D. Local Plane Coordinate System

A geodetic datum defines the reference frame that positions are measured from. The Modified Luzon Datum 1911 (MLD1911) was adopted as the datum for the Philippine Reference System 1992 (PRS92), making PRS92 the nationwide plane coordinate system anchored to MLD1911. This pairing was chosen to improve consistency with ground surveys and GNSS data across the Philippines while staying compatible with older data. It's not the basis for a purely local plane system or for the Luzon1911-based or PRS92-projected variants alone, so the nationwide system tied to MLD1911 is PRS92.

8. Subdivision of A&D lands of not more than 1,500 hectares into 50 parcels or more.

- A. Public Land Subdivision
- B. Isolated Surveys
- C. Group Settlement/Townsite Subdivision Surveys**
- D. Public Land Surveys

When a tract of alienable and disposable land is intended to be distributed to many occupants as a settlement or townsite, the survey method chosen must support creating a planned, cadastre-like layout with multiple parcels, roads, and community facilities. Group Settlement or Townsite Subdivision Surveys are designed exactly for this purpose: they subdivide a tract into many lots (50 or more) within a defined area, making it feasible to allocate parcels to beneficiaries under a settlement or townsite scheme. The size limit of not more than 1,500 hectares is a common threshold at which this type of subdivision is applied, balancing practical surveying work with the need for organized distribution and title processing. This approach provides a coherent layout and legal descriptions for all resulting parcels, which is essential when the goal is to grant titles to a large number of allottees and to establish a recognizable town or settlement grid. In contrast, isolated surveys focus on individual parcels or small clusters, not a full plan for a settlement; public land surveys or public land subdivision surveys serve different broader purposes and do not specifically address the group settlement/townsite cadastre with a 50+ parcel plan within that size limit.

9. A GE shall first secure a survey order or which term before conducting survey of lands of the public domain?

- A. survey permit
- B. survey report
- C. survey authority**
- D. survey license

The situation tests the need for a formal authorization to operate on lands of the public domain. Before a Geodetic Engineer can begin fieldwork, the survey must be backed by an official instrument that grants authority to conduct the survey. This instrument is the survey authority, issued by the responsible DENR office (often through the Lands Management Bureau) and specifying the area, purpose, and terms of the survey. It provides the legal basis for the work and ensures the survey is conducted within the bounds of public land laws. A survey authority differs from a survey permit or license, which pertain to other kinds of permissions or activities and are not the recognized pre-survey authorization for public-domain lands. A survey report is simply the product of the survey, not the permission to conduct it. While people may colloquially say "survey order," the formal term used in this context is survey authority.

10. The Philippine Transverse Mercator (PTM) coordinates are transformed from geographic to grid coordinates on which combined system?

- A. PPCS/PRS92
- B. PPCS/Luzon 1911**
- C. Local Plane Coordinate System
- D. Philippine Plane Coordinate System

PTM uses a specific combined system that defines both the grid framework and the underlying geodetic datum. The Philippine Transverse Mercator projection maps geographic coordinates onto the Philippine Plane Coordinate System (PPCS) using the Luzon 1911 datum. This PPCS/Luzon 1911 pairing provides the reference ellipsoid and origin that the grid coordinates are built on, while the PPCS defines the grid layout itself. Other options mix different datums or are too vague to describe the exact framework PTM relies on. For PTM, the combination that matches the standard practice is PPCS/Luzon 1911.

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://denradminorder200729.examzify.com>

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

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