

試験の準備方法-効果的なProject-Planning-Design問題例試験-高品質なProject-Planning-Design日本語的中対策



2026年Jpexamの最新Project-Planning-Design PDFダンプおよびProject-Planning-Design試験エンジンの無料共有: https://drive.google.com/open?id=1owwH_6RLO0fhfeBg9D3AnG_XTSRFB3s9

NCARBのProject-Planning-Design試験は大変です。あなたは復習資料に悩んでいるかもしれません。我々Jpexamの提供するNCARBのProject-Planning-Designソフトを利用して自分の圧力を減少しましょう。我々のチームは複雑な問題集を整理するに通じて、毎年の試験の問題を分析して最高のNCARBのProject-Planning-Designソフトを作成します。今まで、我々は更新を努力しています。ご購入した後の一年間で、NCARBのProject-Planning-Design試験が更新されたら、あなたを理解させます。

NCARB Project-Planning-Design 認定試験の出題範囲:

トピック	出題範囲
トピック 1	<ul style="list-style-type: none">Codes & Regulations: This section of the exam measures the skills of project architects and focuses on applying zoning laws, environmental rules, and building codes during the planning stage. Candidates are tested on how to integrate multiple regulatory requirements into a project's design effectively.
トピック 2	<ul style="list-style-type: none">Building Systems, Materials, & Assemblies: This section of the exam measures skills of architectural designers and covers the understanding of building systems such as mechanical, electrical, and plumbing, along with structural and specialty systems. It also involves selecting appropriate materials and assemblies to align with program needs, budgets, and regulations.
トピック 3	<ul style="list-style-type: none">Environmental Conditions & Context: This section of the exam measures skills of architectural designers and covers how to use site analysis information to determine building placement and environmental planning decisions. It emphasizes applying sustainable principles and considering the neighborhood context to guide project design.
トピック 4	<ul style="list-style-type: none">Project Integration of Program & Systems: This section of the exam measures skills of project architects and focuses on integrating decisions about environmental conditions, codes, and building systems into one cohesive project design. It highlights how to configure the building and incorporate both program requirements and contextual conditions in a unified design approach.
トピック 5	<ul style="list-style-type: none">Project Costs & Budgeting: This section of the exam measures skills of architectural designers and assesses the ability to evaluate design alternatives based on program goals, perform cost evaluations, and manage cost considerations throughout the design process.

NCARB Project-Planning-Design日本語的中対策 & Project-Planning-Designコンポーネント

チャンスはいつも準備ができている人に賦与されると言われます。あなたはこのチャンスを早めに捉えて、我々社のNCARBのProject-Planning-Design練習問題を通して、仕事に不可欠なProject-Planning-Design試験資格認証書を取得しなければなりません。我が社JpexamのProject-Planning-Design問題集と我々のサービスに関して、弊社は誠実かつ信頼できる会社ですから、心配しなくて購入できます。

NCARB ARE 5.0 Project Planning & Design (PPD) 認定 Project-Planning-Design 試験問題 (Q45-Q50):

質問 # 45

Refer to the exhibit (residential floor plan with three outlined elevator core locations A, B, C).

During design development, an owner has chosen an elevator that does not fit in the location previously selected for the two-car elevator core. The elevator core should be near the main entrance lobby and centrally located. The minimum program requirements for each residential floor are the following:

One bicycle room

Five studios

Five 1-bed units

Eight 2-bed units

Three 3-bed units

Which outlined location meets the requirements?

- A. C
- B. A
- C. B

正解: A

解説:

Comprehensive and Detailed Explanation From Exact Extract:

Location C is centrally located near the main entrance lobby and accommodates program requirements. It aligns with circulation patterns and building massing necessary to support efficient vertical transportation and access to all unit types, including bicycle storage.

Locations A and B are less centralized or do not provide convenient access, making C optimal.

References:

ARE 5.0 PPD - Project Integration of Program and Systems

The Architect's Handbook of Professional Practice, 15th Edition - Vertical Transportation

質問 # 46

Heavy steel columns and rigid connections between columns and beams

Vertical steel trusses in the external walls

Light steel columns and flexible connections between columns and beams

Vertical steel trusses in the internal walls

Which structural design concept minimizes the cost of steel structure needed to resist wind and earthquake loads in high-rise buildings?

- A. Heavy steel columns and rigid connections between columns and beams
- B. Vertical steel trusses in the external walls
- C. Light steel columns and flexible connections between columns and beams
- D. Vertical steel trusses in the internal walls

正解: B

解説:

Comprehensive and Detailed Explanation From Exact Extract:

Using vertical steel trusses in the external walls (B) allows for efficient lateral load resistance by creating a stiff, braced perimeter that resists wind and seismic forces with less material compared to internal bracing or heavy columns.

Heavy steel columns and rigid connections (A) require more steel and complex joints, increasing cost.

Light steel columns with flexible connections (C) provide less stiffness and require more members.

Internal steel trusses (D) reduce usable space and complicate architectural layouts.

External vertical trusses optimize structural efficiency and cost, as supported in NCARB PPD guidelines for high-rise construction.

References:

ARE 5.0 PPD - Structural Systems

The Architect's Handbook of Professional Practice, 15th Edition - Steel Structures

質問 # 47

A 100,000-square-foot distribution warehouse has roof drains around the perimeter.

Which combination of structure and roofing system insulation is most cost effective?

- A. Level rigid frame with tapered rigid insulation
- **B. Level open web joists with tapered rigid insulation**
- C. Sloped rigid frame with rigid insulation
- D. Sloped open web joists with rigid insulation

正解: B

解説:

Comprehensive and Detailed Explanation From Exact Extract:

Open web joists allow longer spans and reduce steel use, lowering structure costs.

Level roofs with tapered rigid insulation direct water toward drains without requiring sloping of the structure, reducing structural complexity and cost.

Sloped structures (B, D) require more framing and labor.

Tapered insulation effectively provides slope for drainage on a flat roof.

Therefore, level open web joists with tapered rigid insulation provide the best cost-efficiency.

References:

ARE 5.0 PPD - Building Systems and Assemblies, Roof Systems

The Architect's Handbook of Professional Practice, 15th Edition - Roof Design

質問 # 48

An architect has just received client approval of the Schematic Design documents for a three-story, outpatient medical clinic. The clinic is located within a mixed-use development governed by a City-approved Planned Development (PD) document. The medical clinic design utilizes standardized departmental layouts and includes outpatient clinics, as well as treatment spaces, administrative spaces and public/lobby spaces.

The site needs to accommodate four different vehicular traffic flows: patient traffic, staff traffic, service and delivery traffic, and emergency services traffic. In addition, a pedestrian plaza must connect to the mixed-use development sidewalks. The plaza must provide space for bicycle parking and will serve as the future bus stop.

The site design addresses several challenges related to building orientation. The southeast facade, with excellent visibility from the highway, is the location of all service equipment. The building entrance faces northwest, convenient to the parking but not visible from the highway.

The client believes future patient volumes will outgrow the clinic. The PD document allows for a planned Phase 2 development on the adjacent vacant site to the southwest. Phase 2 would include a second building (2 story, 80,000 BGSF) and/or a parking deck.

Other considerations for the project include:

* Protected tree requirements are defined in the PD document.

* Easy pedestrian access must be provided from Sycamore Boulevard.

* All required parking for the clinic must be accommodated on site.

* Programmed area includes 109,450 Departmental Gross Square Feet (DGSF) / 130,184 Building Gross Square Feet (BGSF).

* Exterior material percentages are dictated by the PD document and shall not exceed specific percentages for Primary and Secondary Finishes.

* All service equipment needs to be screened; see PD document for restrictions.

* Signage opportunities are important to the client.

* Acoustical privacy is a concern of the healthcare system.

The following resources are available for your reference:

* Drawings, including a perspective, plans, and exterior elevations

* Building Program, including client's departmental program and detailed program for Treatment 01 (Infusion)

- * Exterior Material Cost Comparisons
 - * Planned Development Document
 - * IBC Excerpts, showing relevant code sections
 - * ADA Excerpts, showing relevant sections from the ADA Standards for Accessible Design Refer to the exhibit.
- What is the required wall finish for rooms 1201 through 1206 on the first floor?

- A. Wall finishes shall have sealed seams that are tight and smooth.
- **B. Wall finishes shall be smooth, scrubbable, and water-resistant.**
- C. Wall finishes shall be free of fissures, open joints, or crevices that may retain or permit passage of dirt particles.

正解: B

解説:

Comprehensive and Detailed Explanation From Exact Extract:

Rooms such as medical treatment or healthcare spaces require wall finishes that are smooth, scrubbable, and water-resistant to maintain hygiene and allow for regular cleaning and disinfection.

Tight, sealed seams (A) and absence of fissures (B) are important but part of broader requirements.

The key is surfaces that can withstand cleaning agents and moisture exposure without damage.

This ensures compliance with healthcare facility codes and infection control.

References:

IBC - Healthcare Facilities Chapter

ADA Standards for Accessible Design

ARE 5.0 PPD - Codes and Regulations, Healthcare

質問 # 49

Which of the following strategies is most appropriate for a new shopping center to be constructed on a nearly flat site flowing into a municipal subsurface storm-drainage system that is at capacity during a 5-year storm?

- **A. Grading roads, locating buildings, and sizing culverts to create retention basins**
- B. Extending the storm sewers to catch basins in all roads and drives in the development
- C. Sectioning, sizing, and pitching drainage ways, culverts, and basins to reduce runoff time
- D. Conducting all site drainage along the curbs of service streets

正解: A

解説:

Comprehensive and Detailed Explanation From Exact Extract:

When the municipal storm-drain system is at capacity during frequent storms, site design must incorporate on-site stormwater management to reduce runoff and delay peak flows.

Option B is the most effective strategy: grading the site and positioning buildings and infrastructure to create retention basins allows water to be temporarily stored on site, reducing the volume and rate of runoff entering the municipal system. This also aids in groundwater recharge and helps comply with stormwater management regulations.

Extending storm sewers (A) without capacity improvements only increases burden on an already overloaded system.

Reducing runoff time (C) can exacerbate peak flows by quickly directing water to the storm drains.

Conducting drainage along curbs (D) is standard but does not solve capacity issues if the municipal system is overloaded.

Thus, on-site retention and detention through basin creation is preferred.

References:

ARE 5.0 PPD - Environmental Conditions and Context, Site and Stormwater Design The Architect's Handbook of Professional Practice, 15th Edition - Site Planning and Stormwater Management

質問 # 50

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どのようにすればもっと楽にNCARBのProject-Planning-Design認定試験に合格することができるかについて考えたことがありますか。試験に合格する秘密を見つけましたか。それを行う方法がわからない場合、私は教えてあげましょう。実際には、認定試験に合格できる方法が多くあります。試験に関連する知識を一生懸命習得することがただ一つの方法です。今はそのようにしていますか。しかし、これが一番時間を無駄にして、望ましい効果を得られない方法です。それに、毎日仕事で忙しいあなたは、恐らく試験に準備する十分な時間がないでしょう。では、JpexamのProject-Planning-Design問題集を試みましょう。この試験参考書はきっとあなたに思えぬ

良い結果を与られます。

Project-Planning-Design日本語的中対策: https://www.jpexam.com/Project-Planning-Design_exam.html

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