

Updated NCARB Project-Planning-Design Exam Questions in PDF Document

NCARB PRACTICE EXAM QUESTIONS AND ANSWERS

A developer hires an architecture firm to design a new apartment building. The firm completes construction documents and a building permit is issued. The firm will provide CA services at a rate of \$200 per hour for the principal and \$150 per hour for the project manager. As the firm starts CA, the owner asks for a not-to-exceed fee based on the following:

-Twenty shop drawings, which the project manager will handle at an average of three hours per review.

-Three site visits, which the principal will handle at an average of four hours per site visit.

The firm includes a 10% allowance for unknowns.

What should the not-to-exceed fee be?

A. \$11,400

B. \$12,540

C. \$13,800

D. \$15,240 - Answers :CORRECT RESPONSE

\$12,540

CALCULATIONS

1. Shop drawing review: \$150 per hour (project manager) x 3 hours per review x 20 shop drawings = \$9,000

2. Site visits: \$200 per hour (principal) x 4 hours per visit x 3 visits = \$2,400

3. \$9,000 (shop drawing review) + \$2,400 (site visits) = \$11,400

4. \$11,400 + 10% (allowance for unknowns) = \$12,540

An architecture firm is updating their rules for the proper dimensioning of their architectural drawings. They want to provide their construction personnel with clear and unambiguous aspects of general dimensioning.

Which of the following rules should the firm use? Check the four that apply.

A. Avoid notes on plans when dimensional control of an element is unnecessary so that the lack of information isn't viewed as an error or omission.

B. Provide actual dimension strings even when there is an opportunity to describe an element with a note such as "align."

C. Provide critical dimensions for things that are important in location or that must have a controlled placement.

D. Dimension corridor partitions from the corridor side of the partition with a clear egress width.

E. Dimension toilet room drywall partitions from the toilet room side of the partition.

F. Avoid the use of fractions smaller than "1/8" anywhere on floor - Answers :B. Provide critical dimensions for things that are important in location or that must have a controlled placement.

This is a general basis for all dimensioning in architectural documentation.

C. Dimension corridor partitions from the corridor side of the partition with a clear egress width.

What's more, part of that Actual4test Project-Planning-Design dumps now are free: <https://drive.google.com/open?id=13N61FHt5v7m6uT5NdzzIMXL7P14effD6>

In the NCARB Project-Planning-Design PDF format of Actual4test, all the available questions are updated and real. In the same way, NCARB Project-Planning-Design PDF version is compatible with smartphones, laptops, and tablets. Furthermore, the ARE 5.0 Project Planning & Design (PPD) (Project-Planning-Design) PDF format is portable and users can also print ARE 5.0 Project Planning & Design (PPD) (Project-Planning-Design) questions in this document.

The most advantage of our Project-Planning-Design exam torrent is to help you save time. It is known to us that time is very important for you. As the saying goes, an inch of time is an inch of gold; time is money. If time be of all things the most precious, wasting of time must be the greatest prodigality. We believe that you will not want to waste your time, and you must want to pass your Project-Planning-Design Exam in a short time, so it is necessary for you to choose our Project-Planning-Design prep torrent as your study tool. If you use our products, you will just need to spend 20-30 hours to take your exam.

>> New Project-Planning-Design Mock Exam <<

Project-Planning-Design Exam Discount Voucher, Pdf Project-Planning-Design Version

The NCARB Project-Planning-Design certification offers the quickest, easiest, and least expensive way to upgrade your knowledge. Everyone can participate in the NCARB Project-Planning-Design exam after completing the prerequisite and passing the NCARB Project-Planning-Design Certification Exam easily. The Actual4test is offering top-notch NCARB Project-Planning-Design exam

practice questions for quick NCARB Project-Planning-Design exam preparation.

NCARB ARE 5.0 Project Planning & Design (PPD) Sample Questions (Q46-Q51):

NEW QUESTION # 46

If evaluating on a life-cycle basis, which of the following effects is the major reason for using native or adapted plantings on-site?

- A. Reduction in transplantation costs
- B. Reduction in root adaptation time period
- C. Reduction in irrigation water and fertilizer

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Native or adapted plantings are used primarily to reduce long-term environmental and maintenance costs in sustainable site design. The most significant life-cycle benefit is the reduction in irrigation water and fertilizer requirements because native plants are naturally suited to local climate and soil conditions. They typically require less supplemental watering, fertilizer, and pesticide use, which reduces resource consumption and maintenance efforts over the plantings' lifespan.

Option B (Reduction in root adaptation time period) is a minor factor relative to water and nutrient needs.

Option C (Reduction in transplantation costs) relates more to initial installation cost rather than long-term life-cycle impacts.

Using native or adapted plant species supports sustainable landscape design principles emphasized in the NCARB PPD content, contributing to water conservation, reduced chemical use, and improved ecological performance.

References:

ARE 5.0 PPD - Environmental Conditions and Context, Sustainable Site Design The Architect's Handbook of Professional Practice, 15th Edition - Landscape and Site Planning NCARB Sustainable Design Guidelines

NEW QUESTION # 47

A midrise concrete frame structure originally designed for an area of low seismic risk must be redesigned for use in an area of high seismic risk.

Which one of the following modifications will have the highest construction cost?

- A. Bracing a soft story
- B. Redesigning as a braced-frame structure
- C. Adding substantial shear walls
- D. Redesigning as a ductile moment-resisting frame

Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Redesigning a building for high seismic risk typically requires enhanced lateral force-resisting systems:

Ductile moment-resisting frames (B) involve special detailing for energy dissipation and ductility, requiring larger and more complex reinforcement, resulting in high construction costs.

Adding shear walls (A) or braced frames (C) can be more economical lateral systems but may affect architectural layouts.

Bracing a soft story (D) is a mitigation technique and usually less costly than complete frame redesign.

Therefore, ductile moment-resisting frame redesign is the costliest option.

References:

ARE 5.0 PPD - Environmental Conditions and Context, Seismic Design
The Architect's Handbook of Professional Practice, 15th Edition - Seismic Retrofitting and Design

NEW QUESTION # 48

Which of the following is the most appropriate action for the architect to take in preparing a construction cost estimate for an owner after completing the schematic design phase?

- A. Vary the amount of the contingency allowance depending on the funds in the possession of the owner.
- B. Provide the greatest contingency allowance in the construction administration phase.

- C. Double the contingency allowance for profit if the owner requires the use of a construction manager.
- **D. Include a larger contingency percentage for the design development phase than for the construction document phase.**

Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Contingency allowances should be larger during the earlier phases (such as schematic design) due to greater unknowns and potential design changes. As the design progresses and more details are defined, contingency can be reduced.

Varying contingency based on owner funds (B) is inappropriate.

Contingency during construction administration (C) is typically lower.

Doubling contingency for CM use (D) is not standard practice.

References:

ARE 5.0 PPD - Project Costs and Budgeting

The Architect's Handbook of Professional Practice, 15th Edition - Cost Estimating

NEW QUESTION # 49

For a government-owned project, architects can reduce consumption and waste by including which of the following requirements in their design and specifications? Check the four that apply.

- A. Means of construction
- B. Limit bidding to local contractors
- **C. Use of local materials**
- **D. Construction waste recycling**
- **E. Use of low flow fixtures**
- **F. Reuse of existing structures**

Answer: C,D,E,F

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

To reduce consumption and waste, especially for government projects emphasizing sustainability:

Construction waste recycling (A): Diverts materials from landfill.

Use of local materials (B): Reduces transportation energy and emissions.

Reuse of existing structures (D): Minimizes new material use and demolition waste.

Use of low flow fixtures (F): Conserves water and reduces operational consumption.

Means of construction (C) and limiting bidding (E) affect cost and process but less directly impact waste reduction.

References:

ARE 5.0 PPD - Environmental Conditions and Context, Sustainable Design

The Architect's Handbook of Professional Practice, 15th Edition - Green Building

NEW QUESTION # 50

Which of the following types of heating system would be appropriate when the design requires a very compact system that has a low initial cost, is easily zoned, and has a quick response to temperature changes?

- A. Forced air
- B. Hydronic
- C. Combination forced air/hydronic
- **D. Electric**

Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Electric heating systems are compact, have low initial installation costs, and can be easily zoned with individual controls. They provide rapid response to temperature changes, making them suitable where space is limited and quick control is desired.

Hydronic systems have slower thermal response and require piping infrastructure.

Forced air systems need ductwork and are less compact.

Combination systems increase complexity and cost.

References:

ARE 5.0 PPD - Building Systems and Assemblies, Heating Systems

The Architect's Handbook of Professional Practice, 15th Edition - Mechanical Systems

NEW QUESTION # 51

.....

Free update for one year after purchasing is available for Project-Planning-Design study guide, therefore there is no need for you to spend extra money on update version. And the update version for Project-Planning-Design exam dumps will be sent to your email automatically, you just need to check your email for the update version. Besides, Project-Planning-Design Exam Materials are compiled by experienced experts and, so the quality can be guaranteed. We have online and offline service, and they possess the professional knowledge for Project-Planning-Design exam materials, and if you have any questions, you can consult us.

Project-Planning-Design Exam Discount Voucher: https://www.actual4test.com/Project-Planning-Design_examcollection.html

Just imagine how surprised and satisfied they will be if the prices they have got for Project-Planning-Design Exam Discount Voucher - ARE 5.0 Project Planning & Design (PPD) reliable study question are much cheaper than that of other question dumps in the same fields, NCARB New Project-Planning-Design Mock Exam With limited time for your preparation, many exam candidates can speed up your pace of making progress, NCARB New Project-Planning-Design Mock Exam Easy and convenient way to buy: Just two steps to complete your purchase, then we will send the product to your mailbox fast, and you only need to download the e-mail attachments.

Creating a Scatter Chart, Our company is a multinational company which is famous for the Project-Planning-Design training materials in the international market, Just imagine how surprised and satisfied they will be if the prices they have Project-Planning-Design got for ARE 5.0 Project Planning & Design (PPD) reliable study question are much cheaper than that of other question dumps in the same fields.

Quiz Project-Planning-Design - Marvelous New ARE 5.0 Project Planning & Design (PPD) Mock Exam

With limited time for your preparation, many exam Project-Planning-Design Exam Discount Voucher candidates can speed up your pace of making progress, Easy and convenient way to buy: Just two steps to complete your purchase, then we will Project-Planning-Design Complete Exam Dumps send the product to your mailbox fast, and you only need to download the e-mail attachments.

In order to ensure the accuracy of our Project-Planning-Design pdf vce, our colleagues check the updating of Project-Planning-Design test answers every day, The solution is closer to you than you can imagine, just contact Pass Project-Planning-Design Rate the support team and continue enjoying your study with the ARE 5.0 Project Planning & Design (PPD) preparation material.

- Project-Planning-Design study vce - Project-Planning-Design latest torrent - Project-Planning-Design download vce Search for (Project-Planning-Design) and download it for free immediately on { www.prepawayete.com } Project-Planning-Design Valid Exam Cost
- 2026 100% Free Project-Planning-Design -Reliable 100% Free New Mock Exam | Project-Planning-Design Exam Discount Voucher The page for free download of > Project-Planning-Design on (www.pdfvce.com) will open immediately Project-Planning-Design Valid Test Papers
- Project-Planning-Design Valid Test Testking Project-Planning-Design Exam Topics Pdf Valid Project-Planning-Design Exam Syllabus Open website www.torrentvce.com and search for { Project-Planning-Design } for free download Project-Planning-Design Valid Test Testking
- Project-Planning-Design Valid Test Papers New Project-Planning-Design Learning Materials Project-Planning-Design Exam Book Search for ✓ Project-Planning-Design ✓ and download it for free on “www.pdfvce.com” website Project-Planning-Design Valid Test Papers
- Quiz 2026 Authoritative Project-Planning-Design: New ARE 5.0 Project Planning & Design (PPD) Mock Exam The page for free download of [Project-Planning-Design] on 【 www.practicevce.com 】 will open immediately Project-Planning-Design Test Question
- Project-Planning-Design Valid Exam Cost Project-Planning-Design Valid Test Testking Project-Planning-Design Sample Exam Search for ⇒ Project-Planning-Design ⇐ and obtain a free download on 《 www.pdfvce.com 》 Project-Planning-Design Valid Braindumps Ebook
- Verified and Updated NCARB Project-Planning-Design Exam Questions - Answers Download ➡ Project-Planning-Design for free by simply entering “www.practicevce.com” website Project-Planning-Design Latest Test Prep
- New Project-Planning-Design Learning Materials Project-Planning-Design Exam Book Project-Planning-Design

Valid Test Testking ☐ Search for ✓ Project-Planning-Design ☐ ✓ ☐ and easily obtain a free download on ➡
www.pdfvce.com ☐ ☐Project-Planning-Design Latest Test Fee

- 2026 100% Free Project-Planning-Design –Reliable 100% Free New Mock Exam | Project-Planning-Design Exam Discount Voucher ☐ Download { Project-Planning-Design } for free by simply searching on ▷ www.dumpsmaterials.com ◁ ☐
☐Valid Study Project-Planning-Design Questions
- Perfect New Project-Planning-Design Mock Exam Help You to Get Acquainted with Real Project-Planning-Design Exam Simulation ☐ 【 www.pdfvce.com 】 is best website to obtain ✨ Project-Planning-Design ☐ ✨ ☐ for free download ☐
☐New Project-Planning-Design Learning Materials
- Perfect New Project-Planning-Design Mock Exam Help You to Get Acquainted with Real Project-Planning-Design Exam Simulation ☐ Open ➤ www.vce4dumps.com ☐ enter ➡ Project-Planning-Design ☐ and obtain a free download ☐
☐Valid Project-Planning-Design Exam Syllabus
- bookmark-rss.com, echobookmarks.com, jessewlf638639.wikiconverse.com, bookmarkassist.com,
andrewhgcc307049.wikibuysell.com, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt,
myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt, myportal.utt.edu.tt,
learning.benindonesia.co.id, aadamnrhb448047.blogspotapp.com, learn.csisafety.com.au, socialdosa.com, Disposable
vapes

P.S. Free & New Project-Planning-Design dumps are available on Google Drive shared by Actual4test:
<https://drive.google.com/open?id=13N61FHt5v7m6uT5NdzzlMXL7P14effD6>