

Quiz Marvelous AEE Free Sample CEM Questions

APPENDIX B SAMPLE CEM QUESTIONS

FYI- Appendix C has the solutions, but please do not just study the key with explanations...it much more advisable to understand how to solve these problems. We recommend the following:

1. Get the right attitude – “I’m in it to win it” – a positive perspective will help!
2. Each evening you should devote between 90 – 120 minutes to reviewing the workbook, making notes or equation sheets, and solving problems.
 - Ensure you know how to use your calculator efficiently.
3. Practice your “pace” ... solve these problems in this section in 5 to 10 question blocks, so you learn the timing needed. Looking at the solution key after each question will prevent you from learning the pace needed.
4. Some practice problems may have multiple “learning objectives” ... so they may be more difficult than the actual CEM Exam problems.
5. If you have questions - see your Instructor immediately (DO NOT wait until Thursday or Friday morning to get help – get it early when you need it !!!!!!!)

These questions are organized by Section similar to the CEM exam.

Table of Contents

FUEL SUPPLY AND PRICING	2
ENERGY AUDITS AND INSTRUMENTATION	4
CODES AND STANDARDS	5
ENERGY ACCOUNTING AND ECONOMICS	6
ELECTRICAL POWER SYSTEMS AND MOTORS	8
LIGHTING SYSTEMS	10
MAINTENANCE AND COMMISSIONING	12
HVAC SYSTEMS	13
BUILDING ENVELOPE	15
BUILDING AUTOMATION AND CONTROL SYSTEMS	18
THERMAL ENERGY STORAGE SYSTEMS	19
BOILER AND STEAM SYSTEMS	20
CHP SYSTEMS AND RENEWABLE ENERGY	22
INDUSTRIAL SYSTEMS	23
ENERGY SAVINGS PERFORMANCE CONTRACTING AND MEASUREMENT & VERIFICATION	25
ADDITIONAL PRACTICE QUESTIONS (RANDOMLY ORGANIZED)	26

DOWNLOAD the newest Actual4Dumps CEM PDF dumps from Cloud Storage for free: <https://drive.google.com/open?id=1BVjttXsTzkroOyZiRysvS6BGmhMKPH6>

CEM exam dumps allow free trial downloads. You can get the information you want to know through the trial version. After downloading our study materials trial version, you can also easily select the version you like, as well as your favorite CEM Exam Prep, based on which you can make targeted choices. Our study materials want every user to understand the product and be able to really get what they need.

We can promise that we will provide you with quality CEM Exam Questions, reasonable price and professional after sale service. Because customer first, service first is our principle of service. If you buy our CEM study guide, you will find our after sale service is so considerate for you. We are glad to meet your all demands and answer your all question about our study materials. And you can find that our price is affordable even for the students. Besides, we will the most professional support by our technicals if you have any problem on buying or downloading.

[**>> Free Sample CEM Questions <<**](#)

Training CEM Kit, Valid CEM Test Dumps

The CEM desktop-based practice exam is compatible with Windows-based computers and only requires an internet connection for the first-time license validation. The web-based CEM practice test is accessible on any browser without needing to install any separate software. Finally, the CEM Dumps PDF is easily portable and can be used on smart devices or printed out. We constantly update the CEM pdf file to ensure customers receive the latest version of AEE CEM questions, based on the actual Certified Energy Manager (CEM) (CEM) exam content.

AEE Certified Energy Manager (CEM) Sample Questions (Q96-Q101):

NEW QUESTION # 96

When should commissioning be included in the design and construction of a facility?

- A. When installation of the energy systems begins
- B. When construction is finalized
- C. When the planning process begins
- D. When the occupancy permit is accepted
- E. When the design is finalized

Answer: C

Explanation:

1) CEM Definition and Timing of Commissioning

The AEE Certified Energy Manager (CEM) Body of Knowledge aligns with ASHRAE Guideline 0 and states that commissioning is most effective when it begins at the earliest project phase. This includes:

- * Development of the Owner's Project Requirements (OPR)
- * Early design reviews
- * Establishing performance and energy goals

Early inclusion avoids design errors, reduces rework, and ensures energy systems are optimized from the outset.

2) Evaluation of Options

- * A. When the planning process begins #
- * Correct per CEM: commissioning is a process, not an event.
- * B. When the design is finalized #
- * Too late to influence major design decisions.
- * C. When installation begins #
- * Misses design-phase benefits.
- * D. When construction is finalized #
- * Limits commissioning to startup only.
- * E. When the occupancy permit is accepted #
- * Post-occupancy is too late for effective commissioning.

NEW QUESTION # 97

A facility has the thermal cooling load profile shown in the table below. The utility rate tariff has an on-peak time-of-use billing period that begins at 10:00 a.m. and ends at 7:00 p.m. Calculate the storage capacity required for a load-shifting operating strategy, to make sure that no thermal cooling is generated by the chiller during the on-peak utility rate period.

Time of Day	Facility Design Cooling Load	Time of Day	Facility Design Cooling Load
Midnight to 1:00 a.m.	2 GJ	Noon to 1:00 p.m.	8 GJ
1:00 a.m. to 2:00 a.m.	2 GJ	1:00 p.m. to 2:00 p.m.	9 GJ
2:00 a.m. to 3:00 a.m.	2 GJ	2:00 p.m. to 3:00 p.m.	9 GJ
3:00 a.m. to 4:00 a.m.	2 GJ	3:00 p.m. to 4:00 p.m.	9 GJ
4:00 a.m. to 5:00 a.m.	2 GJ	4:00 p.m. to 5:00 p.m.	9 GJ
5:00 a.m. to 6:00 a.m.	2 GJ	5:00 p.m. to 6:00 p.m.	8 GJ
6:00 a.m. to 7:00 a.m.	4 GJ	6:00 p.m. to 7:00 p.m.	6 GJ
7:00 a.m. to 8:00 a.m.	4 GJ	7:00 p.m. to 8:00 p.m.	6 GJ
8:00 a.m. to 9:00 a.m.	4 GJ	8:00 p.m. to 9:00 p.m.	4 GJ
9:00 a.m. to 10:00 a.m.	6 GJ	9:00 p.m. to 10:00 p.m.	4 GJ
10:00 a.m. to 11:00 a.m.	6 GJ	10:00 p.m. to 11:00 p.m.	2 GJ
11:00 a.m. to Noon	8 GJ	11:00 p.m. to Midnight	2 GJ

- A. 66 GJ
- B. 84 GJ
- C. 72 GJ
- D. 48 GJ

Answer: A

NEW QUESTION # 98

Which of the following is NOT a typical benefit of performance contracting from the building owner's perspective?

- A. Maintenance services provided by the performance contractor can add value to the overall savings achieved
- B. Performance contracting can provide access to external financing when the owner may not have sufficient equity for in-house financing for large projects
- C. The energy-service company can have a financial incentive to achieve projected savings
- D. Net cash flow can be neutral or positive for the owner
- E. **Performance contracting is a simple and quick process**

Answer: E

NEW QUESTION # 99

What is a common method to reduce the impact of voltage imbalance?

- A. Install harmonic filters
- B. Reverse phase connections on three-phase motors
- C. **Rebalance single-phase loads**
- D. Install capacitors to improve power factor on three-phase loads

Answer: C

NEW QUESTION # 100

A high-pressure steam system passes 180°C condensate (saturated liquid) through a steam trap to an atmospherically vented condensate receiver tank. If the steam trap is working properly, how much of the condensate mass can be lost out the vent of the receiver tank in the form of flash steam?

- A. 6%
- B. 66%
- C. **15%**
- D. 25%
- E. 100%

Answer: C

NEW QUESTION # 101

.....

With our CEM learning quiz, the exam will be a piece of cake. And CEM training materials serve as a breakthrough of your entire career. Meanwhile, CEM study guide provides you considerable solution through the exam and efficient acquaintance. By imparting the knowledge of the exam to those ardent exam candidates who are eager to succeed like you, our experts treat it as responsibility to offer help. So please prepare to get striking progress if you can get our CEM Study Guide with following traits for your information.

Training CEM Kit: <https://www.actual4dumps.com/CEM-study-material.html>

By utilizing AEE CEM dumps, they shouldn't stress over any additional assistance with that, We are skilled at AEE Training CEM Kit exams with so many years' development, AEE Free Sample CEM Questions There is still one more thing to add up to it, We will offer you the best preparation materials regarding CEM training practice, By gathering, analyzing, filing essential contents into our CEM training quiz, they have helped more than 98 percent of exam candidates pass the CEM exam effortlessly and efficiently.

You'll learn how to colocate deployment to CEM run multiple jobs on a single VM, Understanding the Growing Need for Application-Layer Filtering, By utilizing AEE CEM Dumps, they shouldn't stress over any additional assistance with that.

Quiz Pass-Sure CEM - Free Sample Certified Energy Manager (CEM)

Questions

We are skilled at AEE exams with so many years' development, There is still one more thing to add up to it, We will offer you the best preparation materials regarding CEM training practice.

By gathering, analyzing, filing essential contents into our CEM training quiz, they have helped more than 98 percent of exam candidates pass the CEM exam effortlessly and efficiently.

What's more, part of that Actual4Dumps CEM dumps now are free: <https://drive.google.com/open?id=1BVjtXsTzkroOyjZiRysvS6BGmhMKPH6>