

# ASQ CRE

ASQ RELIABILITY ENGINEER CERTIFICATION QUESTIONS &  
ANSWERS

Details of the Exam-Syllabus-Questions

**CRE**

[ASQ Certified Reliability Engineer \(CRE\)](#)

165 Questions Exam – 550/750 Cut Score

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## Get an Overview of the CRE Certification:

Who should take the [CRE exam](#)? This is the first question that comes to a candidate's mind when preparing for the Reliability Engineer certification. The CRE certification is suitable for candidates who are keen to earn knowledge on the Engineering and grab their ASQ Certified Reliability Engineer (CRE). When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But CRE study guide PDF is here to solve the problem. CRE PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

## Why Should You Earn the ASQ CRE Certification?

There are several reasons why one should grab the CRE certification.

- The Reliability Engineer certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the [ASQ Certified Reliability Engineer \(CRE\)](#) is a powerful qualification for a prosperous career.

## What Is the ASQ CRE Reliability Engineer Certification Exam Structure?

<b>Exam Name</b>	ASQ Certified Reliability Engineer
<b>Exam Code</b>	CRE
<b>Exam Fee</b>	ASQ MEMBERS - USD \$433 NON-MEMBERS - USD \$533 RETAKES - USD \$333
<b>Exam Duration</b>	Total appointment time- 270 Minutes Exam Time - 258 Minutes
<b>Number of Questions</b>	165
<b>Passing Score</b>	550/750
<b>Format</b>	Multiple Choice Questions

<b>Books / Trainings</b>	<a href="#">CRE Handbook</a>
<b>Schedule Exam</b>	<a href="#">Book Your Exam</a>
<b>Sample Questions</b>	<a href="#">ASQ Reliability Engineer Exam Sample Questions and Answers</a>
<b>Practice Exam</b>	<a href="#">ASQ Certified Reliability Engineer (CRE) Practice Test</a>

## Enhance Knowledge with CRE Sample Questions:

### Question: 1

The main reason for the use of Quality Function Deployment (QFD) is which of the following?

- To implement the voice of the customer.
- To ensure concurrent engineering.
- To assign responsibilities for product designs.
- To provide a structured product design approach.

**Answer: a**

### Question: 2

Failure modes and effects analysis involves what activity?

- The determination of the probability of failure in a specified period of time.
- The expected number of failures in a given time interval.
- A study of the probability of success in a given time period.
- The study of the physics of failure to determine exactly how a product fails and what causes the failure.

**Answer: d**

### Question: 3

A failure reporting and corrective action system should ensure that all steps are taken to:

- Determine responsibilities for failures.
- Record costs associated with the corrective action.
- Identify, investigate and analyze failures.
- Define the goals of the FRACAS team.

**Answer: c**

**Question: 4**

What is the MOST accurate method to verify that the maintainability requirement of a design is being met?

- a) By analysis of the design.
- b) By performing maintainability prediction.
- c) By thorough design reviews.
- d) By demonstration at the customer's facility.

**Answer: d**

**Question: 5**

When assessing failures during a reliability test program, which of the following should a reliability engineer consider first?

- a) The capability of test equipment
- b) The hazard rate is constant
- c) The hazard rate is decreasing.
- d) The hazard rate is increasing.

**Answer: b**

**Question: 6**

Pascal's triangle presents a simple means of determining which of the various terms of the binomial expansion?

- a) Exponents
- b) Coefficients
- c) Combinations
- d) Permutations

**Answer: b**

**Question: 7**

Which one of the following quantitative methods does NOT apply to the assessment of actual system/component reliability?

- a) Statistical analysis of field test data.
- b) Statistical allocation of reliability goals.
- c) Evaluation of laboratory and acceptance test data.
- d) Analysis of result for reliability demonstration test.

**Answer: b**

**Question: 8**

Who should be chairperson of a design review committee?

- a) A senior member of management.
- b) The chief designer.
- c) The person best able to make decisions on a design.
- d) The reliability engineer.

**Answer: c**

**Question: 9**

If the average repair time for a system is 3 hours and the MTBMA is 122 hours, what is the operational availability?

- a) 0.976
- b) 0.982
- c) 0.997
- d) 0.975

**Answer: a**

**Question: 10**

What type of failure is usually reduced by periodic overhaul and replacement of component parts?

- a) Early life.
- b) Wear out.
- c) Random.
- d) Catastrophic.

**Answer: b**

## What Study Guide Works Best in Acing the ASQ CRE Reliability Engineer Certification?

The CRE study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

### Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the Reliability Engineer exam, getting in full touch of the [syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge

on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

### **Make Your Schedule:**

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

### **Get Expert Advice from the Training:**

Do not forget to join the ASQ CRE training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

### **Get Access to the PDF Sample Questions:**

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

### **Avoid Dumps and Utilize the ASQ CRE Practice Test:**

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, CRE practice tests always stand out to be the better choice than dumps PDF.

### **Avail the Proven CRE Practice Test for Success!!!**

Do you want to pass the CRE exam on your first attempt? Stop worrying; we, ProcessExam.com are here to provide you the best experience during your ASQ Certified Reliability Engineer preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [CRE practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.