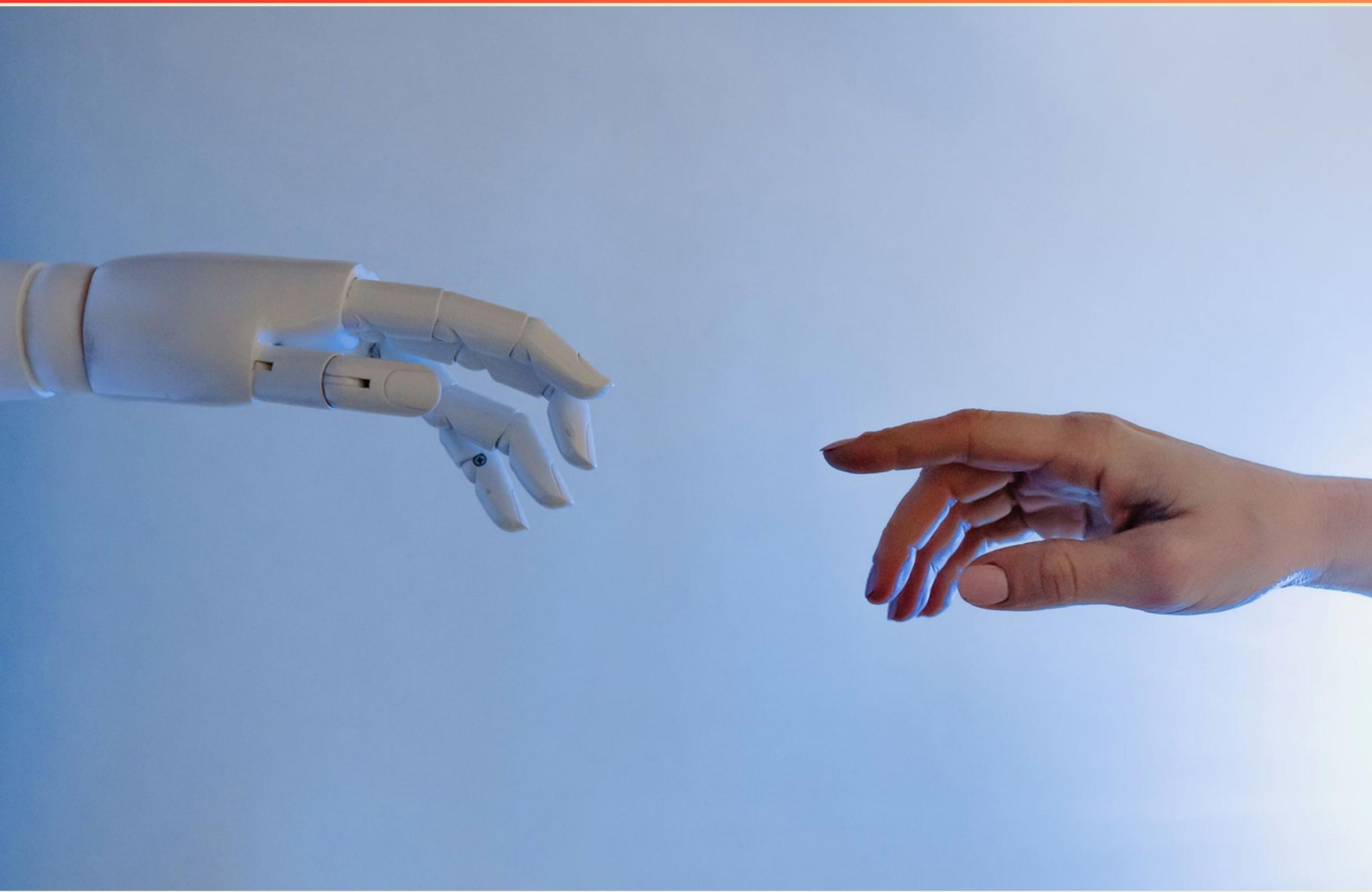


ENGINEERING INSPIRATION (EI) AWARD / FIRST IMPACT AWARD PRACTICE TEST (SAMPLE) STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

**VISIT US ONLINE FOR
THE FULL VERSION STUDY GUIDE**

<https://eifirstimpactaward.examzify.com>



Copyright © 2026 by Examzify - A Kaluba Technologies Inc. product.

ALL RIGHTS RESERVED.

No part of this book may be reproduced or transferred in any form or by any means, graphic, electronic, or mechanical, including photocopying, recording, web distribution, taping, or by any information storage retrieval system, without the written permission of the author.

Notice: Examzify makes every reasonable effort to obtain accurate, complete, and timely information about this product from reliable sources.

SAMPLE

Table of Contents

Copyright	1
Table of Contents	2
Introduction	3
How to Use This Guide	4
Questions	5
Answers	8
Explanations	10
Next Steps	15

SAMPLE

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

SAMPLE

- 1. Which set of outreaches includes Sprocket Invention Challenge, FTC/FLL Competitions, IV Pole Decoration, Picturebook, Small Festival Participation?**
 - A. Sprocket Invention Challenge, FTC/FLL Competitions, IV Pole Decoration, Picturebook, Small Festival Participation
 - B. Steam Fair, STEM Magazine, History of Alumni, Tonies
 - C. 6 Week Cad Workshop, SoCal Showdown Donations, Recycled Bottle Filament, Pacific Mental Health Initiative
 - D. Yimbo Walkathon, Taiwan and China Exchange Program, Tijuana Museum Exhibition, Barkanyango High School and Muguna Primary School
- 2. How should inclusivity be measured across EI events?**
 - A. Track only overall attendance.
 - B. Collect demographic data but ignore accessibility.
 - C. Assess accessibility after events but do not collect demographics.
 - D. Collect demographic data where appropriate, track attendance by group, and assess accessibility and accommodations.
- 3. Which statement best captures a demographic detail of Steamposium attendees?**
 - A. 70% minorities
 - B. 50% minorities
 - C. 30% minorities
 - D. 90% minorities
- 4. In data-driven storytelling, which element should be emphasized?**
 - A. Personal opinions without data.
 - B. A mix of anecdotes and non-specific data not tied to goals.
 - C. Numbers and quotes tied to defined goals and impact metrics.
 - D. Data without any narrative.
- 5. Which of the following is a correct description of the UC course offerings?**
 - A. Three courses: Innovation and Tech, IDEA 1, and IDEA 2
 - B. Two courses: IDEA 1 and IDEA 2
 - C. Four courses: Innovation, Tech, IDEA 1, IDEA 2
 - D. One course: Innovation and Tech

- 6. Which statement about consent for video submissions is true?**
- A. Consent from participants is optional.
 - B. Consent must be secured only if a participant is a minor.
 - C. Consent should be documented but can be informal.
 - D. Consent from participants featured in the video should be secured in writing.
- 7. What is the purpose of a sponsor/partner sheet?**
- A. Include only logos of sponsors with no descriptions.
 - B. Provide a detailed budget and financial plan to sponsors.
 - C. Outline sponsorship tiers and benefits to sponsors.
 - D. List major supporters and describe their contributions to outreach and sustainability.
- 8. How many goodie bags were made for the Pacific Mental Health Initiative?**
- A. 500
 - B. 1000
 - C. 1500
 - D. 2000
- 9. How many items are in the FIRST Core Values list?**
- A. 4
 - B. 5
 - C. 6
 - D. 7
- 10. To which hospital did we send the IV caddies?**
- A. Children's Hospital Los Angeles
 - B. St. Jude Children's Research Hospital
 - C. UC San Francisco Medical Center
 - D. Boston Children's Hospital

Answers

SAMPLE

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

SAMPLE

Explanations

SAMPLE

1. Which set of outreaches includes Sprocket Invention Challenge, FTC/FLL Competitions, IV Pole Decoration, Picturebook, Small Festival Participation?

A. Sprocket Invention Challenge, FTC/FLL Competitions, IV Pole Decoration, Picturebook, Small Festival Participation

B. Steam Fair, STEM Magazine, History of Alumni, Tonies

C. 6 Week Cad Workshop, SoCal Showdown Donations, Recycled Bottle Filament, Pacific Mental Health Initiative

D. Yimbo Walkathon, Taiwan and China Exchange Program, Tijuana Museum Exhibition, Barkanyango High School and Muguna Primary School

The question tests recognizing a set that contains all the specific outreach activities listed. The correct set is the one that includes exactly these five outreaches: Sprocket Invention Challenge, FTC/FLL Competitions, IV Pole Decoration, Picturebook, and Small Festival Participation. Each item represents a distinct community outreach activity—a hands-on invention challenge, robotics competitions, a hospital-themed decorating project, a literacy-oriented project, and participation in a local festival. The other options mix in activities that don't match the given five, so they don't provide a set containing all of them. In short, the right choice is the one that lists every required outreach, with no missing items.

2. How should inclusivity be measured across EI events?

A. Track only overall attendance.

B. Collect demographic data but ignore accessibility.

C. Assess accessibility after events but do not collect demographics.

D. Collect demographic data where appropriate, track attendance by group, and assess accessibility and accommodations.

Measuring inclusivity should give a complete picture: who participates, how groups are represented, and whether real barriers exist. The best approach combines collecting demographic data where appropriate, tracking attendance by group, and assessing accessibility and accommodations across events. Demographic data (with consent and privacy safeguards) helps you see which groups are represented or underrepresented. Tracking attendance by group shows how participation aligns with those representations in practice. Assessing accessibility and accommodations identifies barriers people might face—like venue access, materials, language support, or scheduling—and ensures adjustments are in place to remove them. Together, these elements reveal both participation gaps and practical barriers, guiding you to improve inclusion rather than relying on a single metric like total attendance or only post-event checks.

3. Which statement best captures a demographic detail of Steamposium attendees?

- A. 70% minorities**
- B. 50% minorities
- C. 30% minorities
- D. 90% minorities

Understanding how a demographic detail describes the attendee makeup helps you quickly assess what the statement says about who attends. The best choice expresses a clear, specific proportion that indicates a majority of attendees come from minority groups. Saying that 70% are minorities does that: it shows a majority, while still leaving room for the rest to be non-minority, which is a straightforward and informative summary of the group. Choices that state 50% would imply an even split with no clear majority, making it less informative about which groups dominate. A 30% figure indicates a smaller minority share rather than a dominant trait of the crowd, which is less descriptive of the overall composition. A 90% figure would claim an extreme imbalance that's unlikely to generalize across events and can skew the interpretation of the attendee mix. The 70% figure strikes the right balance by clearly conveying a majority presence without implying an extreme distribution.

4. In data-driven storytelling, which element should be emphasized?

- A. Personal opinions without data.
- B. A mix of anecdotes and non-specific data not tied to goals.
- C. Numbers and quotes tied to defined goals and impact metrics.**
- D. Data without any narrative.

Data-driven storytelling works best when you connect numbers to real goals and show impact with human context. The most effective approach pairs quantitative evidence with qualitative voices, demonstrating not only what happened but why it matters. When numbers are tied to defined goals and impact metrics, the story clearly shows progress toward specific targets and provides a credible basis for decisions or praise. Quotes from people affected by the work add texture, illustrating the lived experience behind the data and reinforcing the significance of the results. For example, you might report that cycle time decreased by 30% and that customer satisfaction rose to 92%, then include a technician's comment about a smoother workflow. This combination makes the story both measurable and relatable, guiding the audience to understand outcomes in a concrete, purposeful way. Other approaches fall short because personal opinions without data lack evidence; anecdotes with vague data aren't tied to clear goals; and data presented without narrative doesn't guide interpretation or show why it matters.

5. Which of the following is a correct description of the UC course offerings?

- A. Three courses: Innovation and Tech, IDEA 1, and IDEA 2**
- B. Two courses: IDEA 1 and IDEA 2
- C. Four courses: Innovation, Tech, IDEA 1, IDEA 2
- D. One course: Innovation and Tech

Understanding how UC structures its offerings hinges on recognizing exactly how many courses there are and what they're called. UC provides three distinct courses: Innovation and Tech, IDEA 1, and IDEA 2. The description that lists these three course names matches how the program is actually offered. Descriptions proposing two courses, four courses, or only one course don't reflect the real lineup. So the best description is the one that lists three courses: Innovation and Tech, IDEA 1, and IDEA 2.

6. Which statement about consent for video submissions is true?

- A. Consent from participants is optional.
- B. Consent must be secured only if a participant is a minor.
- C. Consent should be documented but can be informal.
- D. Consent from participants featured in the video should be secured in writing.**

When you include someone's image or voice in a video, you must have their permission, and having that permission in writing is the safest and most reliable approach. Written consent creates a clear record of what is allowed, who can use the video, where it will be shared (website, social media, presentations), and for how long. It also covers whether the video may be edited or repurposed in the future and helps protect both the organizer and the participant from misunderstandings or disputes. Opting for consent that isn't documented can lead to ambiguity about what was agreed, and informal verbal permission can be challenged later. Consent should apply to all identifiable participants, not just minors, since adults have rights to control their image and how it's used.

7. What is the purpose of a sponsor/partner sheet?

- A. Include only logos of sponsors with no descriptions.
- B. Provide a detailed budget and financial plan to sponsors.
- C. Outline sponsorship tiers and benefits to sponsors.
- D. List major supporters and describe their contributions to outreach and sustainability.**

A sponsor/partner sheet is meant to highlight who supports the team and show what that support enables. The best choice lists major supporters and briefly describes their contributions to outreach and the program's sustainability. This makes the value of sponsorship concrete—it shows not just who backs the team, but how their help funds outreach activities (demos, events, mentoring, community programs) and supports long-term viability (ongoing programs, equipment, facilities). Logo-heavy sheets without context can look impressive but don't communicate impact, which is what motivates current and potential sponsors to continue or increase their support. Budgets and financial plans belong in separate documents, and sponsorship tiers are useful for structuring fundraising, but they aren't the primary purpose of a sponsor sheet. By focusing on major supporters and their specific contributions to outreach and sustainability, the sheet becomes a clear, persuasive snapshot of the team's partnerships and needs.

8. How many goodie bags were made for the Pacific Mental Health Initiative?

- A. 500
- B. 1000
- C. 1500**
- D. 2000

This question hinges on using the total number given in the scenario. The correct choice is the one that matches exactly the number stated as how many goodie bags were produced for the Pacific Mental Health Initiative. That total is what the plan called for, so it directly answers how many bags were made without making any extra assumptions. If you've got a scenario that says there were bags planned or needed for attendees and volunteers, then the right answer is simply that described total. The other options don't align with the stated plan, so they'd imply more or fewer bags than the scenario specifies. In similar problems, focus on extracting the explicit total from the text (or computing it only if the setup describes a calculation, such as number of people times bags per person) and use that exact result as your answer.

9. How many items are in the FIRST Core Values list?

- A. 4
- B. 5
- C. 6**
- D. 7

This question asks how many items are in the FIRST Core Values list. FIRST defines six Core Values that guide team behavior and culture: Discovery, Innovation, Impact, Inclusion, Teamwork, and Fun. Because there are six items, the correct count is six. Options suggesting four, five, or seven do not fit the actual list. Knowing there are six values helps when considering how teams should act and how the EI/Impact Award values are reflected in competition culture.

10. To which hospital did we send the IV caddies?

- A. Children's Hospital Los Angeles**
- B. St. Jude Children's Research Hospital
- C. UC San Francisco Medical Center
- D. Boston Children's Hospital

The main idea here is using the shipping record to identify the destination of a supply batch. The IV caddies were sent to Children's Hospital Los Angeles. This is the hospital named in the documentation for that shipment, so it's the correct recipient. The other hospitals listed are in different locations and aren't the destination noted for this particular batch, so they don't fit with the recorded shipment. When tracking these kinds of items, you rely on the manifest or packing list to confirm exactly where the supplies were sent.

SAMPLE

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://eifirstimpactaward.examzify.com>

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

SAMPLE