COMPUTER CONCEPTS AND APPLICATIONS PRACTICE TEST (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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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.

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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!

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Questions

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1. What is the kernel?

A. A desktop application

B. A type of hardware

C. A user interface

D. The core of an operating system

2. If the image seems stretched, your computer's display may not be set to the default _____.

A. Refresh rate

B. Resolution

C. Color depth

D. Brightness

3. Recent top-level domains include .mobi.

A. True

B. False

C. Not sure

D. Both

4. Open websites typically include personal websites.

A. True

B. False

C. Not sure

D. Both

5. True or False: Console systems only allow one gamepad to be used at a time.

A. Only for older consoles

B. It depends on the console

C. False

D. True

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6. What action creates a new folder in Windows?

A. Rename

B. Delete

C. Right-click in blank area and choose New > Folder

D. Open File Properties

7. A specific touch motion used to issue commands is called what?

A. True

B. False

C. It depends

D. Not a gesture

8. What task do Uber's automated commercial trucks require a human driver to perform?

A. Refuel the vehicle

B. Handle off-highway driving

C. Load cargo manual handling

D. Navigate city streets

9. Which statement about navigational shortcuts is true?

A. They help move and copy files efficiently

B. They delete files automatically

C. They compress files

D. They hide system files

10. To support file sharing, a PC must run a network operating system.

A. True

B. False

C. Depends on network setup

D. Only servers require it

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Answers

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

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Explanations

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1. What is the kernel?

A. A desktop application

B. A type of hardware

C. A user interface

D. The core of an operating system

The kernel is the central component of an operating system that manages all the computer's resources and coordinates between software and hardware. It handles memory allocation, process scheduling, and input/output operations, and it provides the low level services that applications use via system calls. It loads and manages device drivers, handles interrupts, and enforces protection between processes, all while running with privileged access to hardware. This layer abstracts the details of the hardware for applications, so programs don't need to manage devices directly. It isn't a desktop application you run, nor is it the physical hardware itself, and it isn't the user interface—the UI sits on top of the kernel's services. Different kernel designs exist (like monolithic or microkernel), but they share the role of the OS's core manager.

2. If the image seems stretched, your computer's display may not be set to the default _____.

A. Refresh rate

B. Resolution

C. Color depth

D. Brightness

When an image looks stretched, the display isn't set to its native, or default, resolution. The default resolution is the number of pixels the monitor is designed to show without scaling. If you choose a different resolution, the system scales the image to fit the screen, which often changes the aspect ratio and makes things appear stretched or squished. That's why selecting the recommended or native resolution keeps the image proportions correct. Other options don't affect how the image is scaled to fit the screen: refresh rate changes how often the image is updated per second, color depth changes how many colors can be displayed, and brightness adjusts how bright the image appears. To fix stretching, set the display to the monitor's native resolution (and matching aspect ratio).

3. Recent top-level domains include .mobi.

A. True

B. False

C. Not sure

D. Both

Top-level domains are the last part of a domain name after the final dot, like .com, .org, .net, and .mobi. A TLD is part of the official addressing system on the Internet, and new ones were added to expand how domains are organized. .mobi was introduced specifically to indicate mobile-ready sites and has been in use for many years, making it a legitimate TLD. So, the statement is true: there are top-level domains, including .mobi, that are part of the current DNS landscape. While many newer gTLDs exist today, .mobi remains an established option in the domain name system.

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4. Open websites typically include personal websites.

A. True

B. False

C. Not sure

D. Both

This question tests understanding of what kinds of pages are found on publicly accessible web sites. Open websites are those you can access without special login barriers. Among the wide variety of pages on the public web—blogs, portfolios, company sites, government pages, news outlets—personal websites are a very common category. People create personal sites to share resumes, hobbies, projects, or personal blogs, and these pages are easily found and indexed by search engines. So the statement is true: open websites typically include personal websites. Of course, not every open site is personal; many are corporate, educational, or other types, but personal sites are a typical part of the open web.

5. True or False: Console systems only allow one gamepad to be used at a time.

A. Only for older consoles

B. It depends on the console

C. False

D. True

The capacity for multiple controllers is determined by the hardware and the game, not by a universal rule. Most modern consoles support more than one gamepad at once, often two, four, or even more. For example, PlayStation 5 and Xbox Series X|S both handle up to four controllers simultaneously, and the Nintendo Switch can support several players with multiple Joy-Cons or controllers connected. Some games are designed for single-player only and will use just one controller, but that doesn't reflect the system's overall capability. So the statement is not accurate in general; consoles can support multiple gamepads at the same time.

6. What action creates a new folder in Windows?

A. Rename

B. Delete

C. Right-click in blank area and choose New > Folder

D. Open File Properties

Creating a new folder in Windows means making a fresh directory to hold files. The way shown—right-clicking in an empty area inside a File Explorer window, then choosing New and Folder—tells the system to add a new folder in that location and lets you name it right away. Renaming changes the name of an existing file or folder, not add a new one. Deleting removes an item. Opening File Properties shows details about an item and doesn't create anything new. (As a quick extra tip, Ctrl+Shift+N also creates a new folder.)

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7. A specific touch motion used to issue commands is called what?

A. True

B. False

C. It depends

D. Not a gesture

A touch-based command is described by the term gesture. A gesture is a specific movement or pattern of touch (like tapping, swiping, pinching) that you perform to tell the device to do something. So saying that such a motion is called a gesture is correct, which is why the True option is the best pick. Examples help: tapping opens an app, swiping might delete or switch screens, and pinching lets you zoom. These are all gestures because they are intentional touch actions used to issue commands. The other choices don't fit because they imply the motion isn't a gesture, or that it's conditional. In standard touchscreen terminology, that kind of input is indeed a gesture, not something else.

8. What task do Uber's automated commercial trucks require a human driver to perform?

A. Refuel the vehicle

B. Handle off-highway driving

C. Load cargo manual handling

D. Navigate city streets

Autonomy in trucks is typically tuned for highway cruising, with a safety driver ready to take over when the vehicle leaves that familiar domain. The task that requires a human to handle is off-highway driving—situations where the vehicle must operate on non-highway roads, private lanes, loading yards, or other environments the system isn't trained to navigate autonomously. In these contexts, a human can supervise and intervene to manage complex maneuvers, edge cases, or unusual road conditions. Refueling isn't a driving action the automation performs, and cargo loading is a manual handling task rather than driving. Navigating city streets is also a difficult area for highway-focused autonomy, but the specific gap that necessitates human control in typical autonomous-truck setups is the off-highway segment from highway operation into non-standard driving environments.

9. Which statement about navigational shortcuts is true?

A. They help move and copy files efficiently

B. They delete files automatically

C. They compress files

D. They hide system files

Navigational shortcuts are pointers in the file system that reference actual files or folders. They don't store the data themselves; opening a shortcut takes you to the original item. This makes moving or copying feel faster and more efficient because you can reach the target quickly from different locations without having to navigate step by step to the real path every time. They don't delete files automatically, they don't compress data, and they don't hide system files—their purpose is simply to provide quick access to the actual items.

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10. To support file sharing, a PC must run a network operating system.

A. True

B. False

C. Depends on network setup

D. Only servers require it

File sharing is a service provided by the operating system's networking features, not by needing a separate network operating system on every PC. Modern client operating systems (like Windows, macOS, or Linux) include built-in capabilities to share folders and control access over a network using standard protocols (such as SMB/CIFS or NFS). A dedicated network operating system is typically used on servers to manage resources, authentication, and permissions for many users, but it isn't required on a single PC to share files. So, a PC can share files without a separate NOS.

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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://computerconceptsapps.examzify.com

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

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