

Module 1 Practice Mode: Advanced Hardware Lab Simulations

Solutions for: Lab 1-5: Practice Mode: Use Tools from the Technician's Toolkit







Step 1:

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Lab 1-5: Practice Mode: Use Tools from the Technician's Toolkit

Use tools from the technician's toolkit

- introduction
- instruction
- inventory
- notepad
- magnifier
- contrast

 Compressed air	 ESD strap	 Ethernet loopback te...
 Multimeter	 POST card	 Power supply tester

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Step 2:

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Lab 1-5: Practice Mode: Use Tools from the Technician's Toolkit

Use tools from the technician's toolkit

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 Clear dust and debris	 Prevent static dischar...	 Test NIC functioning
 Measure power output	 Report boot codes	 Measure power output

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Step 3:

Use tools from the technician's toolkit

introduction
instruction
inventory
notepad
magnifier
contrast

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Q1:

Use tools from the technician's toolkit

Question 1 of 5

What other tool might you have been able to use to identify matching ends for each Ethernet cable?

- ☐ Power supply tester
- ☐ Cable crimper
- ☐ GFCI outlet tester
- ☒ Network cable tester

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Step 4

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Use tools from the technician's toolkit

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Q2:

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Lab 1-5: Practice Mode: Use Tools from the Technician's Toolkit

Use tools from the technician's toolkit

introduction
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Question 2 of 5

What other tool might you have been able to use to test the power going to the DVD drive?

- ☐ Cable crimper
- ☐ Network cable tester
- ☒ Multimeter
- ☐ GFCI outlet tester

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Step 5:

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Lab 1-5: Practice Mode: Use Tools from the Technician's Toolkit

Use tools from the technician's toolkit

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instruction

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notepad

magnifier

contrast



Q

Q

Q

Q

Q

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Q3:

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Lab 1-5: Practice Mode: Use Tools from the Technician's Toolkit

Use tools from the technician's toolkit

introduction

instruction

inventory

notepad

magnifier

contrast

Question 3 of 5

What suggestions might you give Caitlyn to help prevent this problem in the future? (Choose two.)

- ☐ Don't eat pizza near the computer.
- ☒ Move the computer off the carpeted floor.
- ☐ Don't play games on the computer.
- ☒ Keep the cat away from the computer.

Q

Q

Q

Q

Q

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Use tools from the technician's toolkit

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Step 7:

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Use tools from the technician's toolkit

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DIMMs

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Q4:

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Lab 1-5: Practice Mode: Use Tools from the Technician's Toolkit

Use tools from the technician's toolkit

Question 4 of 5

Why do you have to use a different POST card for desktops and laptops?

- ☒ Their expansion slots are different sizes.
- ☐ Desktops use DIMMs while laptops use SO-DIMMs.
- ☐ Laptops have fewer expansion slots.
- ☐ Laptops have different kinds of boot errors than desktops do.


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Use tools from the technician's toolkit



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Q5:

Use tools from the technician's toolkit



-  introduction
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-  magnifier
-  contrast

Question 5 of 5

What kind of electrical current comes out of a wall outlet?

- ☐ Direct current
- ☒ Alternating current
- ☐ Resistant current
- ☐ Static current



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