

**Pergunta 1**

Por responder

Nota: 2,50

Consider the following two methods for printing twenty copies of the current opened file in a Spreadsheet application. Present the keystroke level model for these methods. For each step, indicate the user action. You don't need to indicate the exact time value for each action.

- a) Method 1: Use only the keyboard (to open the "Print" dialog box press Ctrl+P).
- b) Method 2: Use the mouse to select the option "Print..." in the file menu and open the "Print" dialog box, and use the keyboard to enter the file name.

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**Pergunta 2**

Por responder

Nota: 2,50

Consider the Nielsen's Heuristic "Recognition, not Recall". Explain the reasons for this heuristic and give 2 examples of situations that violate this heuristic, pointing out the corresponding solution.

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**Pergunta 3**

Por responder

Nota: 1,00

1. Which of the following does **not** correspond to a Gestalt principle?

- A. Similarity
- B. Closure
- C. Symmetry
- D. Contrast

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**Pergunta 4**

Por responder

Nota: 2,00

Douglas Engelbart gave a computer demonstration in 1968 that later became known as the "Mother of All Demos". The underlying technologies influenced HCI in the following decades. Which new and innovative concepts and tools did he demonstrated at the time?

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**Pergunta 5**

Por responder

Nota: 2,50

Point out and explain two techniques for achieving greater simplicity in a graphic design.

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**Pergunta 6**

Por responder

Nota: 2,50

Why "All-caps" style is not appropriate for body text?

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**Pergunta 7**

Por responder

Nota: 2,50

The following comments belong to a heuristic evaluation performed on a web site. Name the heuristic that best justifies each of the following usability problems found during the evaluation.

- a) "The form's Clear button is too prominent and too close to the Save button."
- b) "Hyperlinks are not underlined."
- c) "The form has unaligned text boxes and buttons."

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**Pergunta 8**

Por responder

Nota: 2,50

Imagine you are designing a controlled experiment to compare a tangible interface with a mouse-controlled graphic interface. You designed a task to be performed by the users (participants in the experiment) and during the experiment you measured the task completion time and error rate.

- a) Which are the independent variables?
- b) Which are the dependent variables?
- c) The experiment used a within-subjects design. What does this mean?

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**Pergunta 9**

Por responder

Nota: 2,00

Comment the following sentence, in relation with the current interaction paradigm shifts:

"The most profound technologies are those that disappear. They weave themselves into the fabric of everyday life until they are indistinguishable from it." - Mark Weiser, 1991

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