HCI: Human Computer Interface

Question 2

Answer saved

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1

🚩 Flag
question

A good user interface narrows (يضيق)the gulfs of execution and evaluation

Select one:

🟢 True

⚪ False

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HCI: Human Computer Interface

Question 6

Answer saved

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Which of the following is not part of the usability requirement specification.

Select one:

○ a. How it will be measured

○ b. What will be measured

⦿ c. What level of the measure is required

🟢 d. who will measure the requirement

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blue background.

At 4:30 pm, she decides that she would like to use a different shape instead, and so needs to remove the circle. She plans to select the circle and then use the 'Cut' command, and she knows how to do this.

At 4:32 pm, she selects the circle by clicking on it, and then selects 'Cut' from the Edit menu, to cut away the circle. She looks at the resulting image and is satisfied to see that the circle has indeed gone.

Indicate whether the statements below in connection with the instance described above are True or False.

PerfectPaint ، برنامج لإنشاء ومعالجة الصور. حتى الآن ، أنشأت صوره بدائره حمراء على خلفية زرقاء.

في الساعة 4:30 مساءً ، قررت أنها ترغب في استخدام شكل مختلف بدلاً من ذلك ، لذا تحتاج إلى إزالة الدائرة. تخطط لتحديد الدائره ثم تستخدم أمر "قص" ، وهي تعرف كيفية القيام بذلك.

في الساعة 4:32 مساءً ، اختارت الدائره بالنقر فوقها ، ثم حددت "قص" من قائمة "تعديل" لقطع الدائره. تنظر إلى الصوره الناتجة وهي راضية عن رؤية الدائره وتختفي بالفعل. حدد ما إذا كانت العبارات أدناه فيما يتعلق بالمثال الموضح أعلاه صحيحة أم خاطئة.

a) At 4:30 pm described above the user is experiencing a gulf of execution.

● True   ○ False

b) At 4:32 pm the user applies what she knows of the Windows language of interaction when she selects the 'Cut' option from the menu.

● True   ○ False

c) The user's conceptual model of how PerfectPaint works is the same at 4:32pm as it was at 4:30pm.

● True   ○ False

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Finish

Time

required.

Indicate whether the statements below in connection with the instance described above and the theory surrounding
Command Language Grammar are True or False:

يتفاعل المستخدم مع نظام يتتبع الطائرات عبر المحيط الأطلسي. لتغيير الارتفاع المستهدف لطائرة ما ، يجب على المستخدم تحديد صورة الطائرة ثم تحديد "تغيير الارتفاع" من شريط القائمة ثم كتابة الارتفاع الجديد المطلوب.

وصحح ما إذا كانت العبارات أدناه فيما يتعلق بالمثال الموصوف أعلاه والنظرية المحيطة بقواعد لغة الأمر صحيحة أم خطأ:

a) The task level of the language of interaction is concerned with (معني بـ) the placing of interaction objects on the interface.

● False

◉ True

b) The sequence of actions, selecting the plane, selecting 'Change Height' and typing in the new height, represents the semantics of the language of interaction.

◉ False

● True

c) The image of the plane on the screen represents a user's mental object.

● False

◉ True

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HCI: Human Computer Interface

Question 10

Answer saved

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🚩 Flag question

These are concrete examples of individual tasks.

Select one:

- ○ a. Task model
- ● b. Task scenario
- ○ c. Task decomposition
- ○ d. Task type

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Question 5

Answer saved

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question

Defines the style standards for a single application system

Select one:

- ● a. Application style guide
- ○ b. Environment style guides
- ○ c. The requirements style guide
- ○ d. The corporate style guide
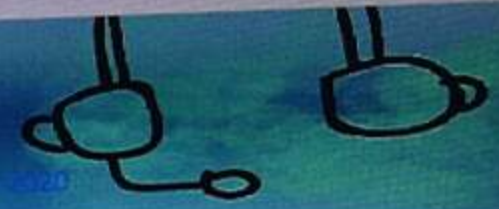
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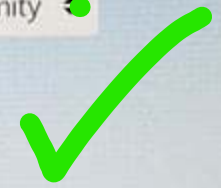Next page

Question 12

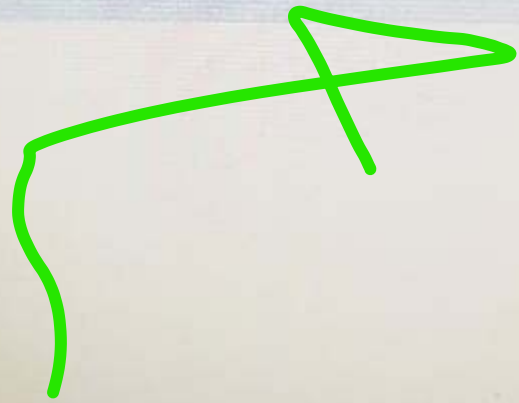Answer saved

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⚑ Flag question

Choose the most appropriate word from Symmetry, Similarity, Closure, Continuity or Proximity to describe each of the Gestalt grouping descriptions beneath.

1. Objects arranged regularly, but which are close vertically, tend to be grouped in rows   Proximity

2. Objects of similar shape or color will be perceived to be grouped together   Similarity

3. Objects which follow each other in an un-broken line are grouped together   Symmetry

4. Even though parts of regular objects are missing, we tend to fill in the gaps   Closure

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HCI: Human Computer Interface

البوابة التعليمية الإلكترونية لجامعة

Question 9

Answer saved

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⚑ Flag question

"Please wait while I open the file" is an example of:

Select one:

- ● a. a feedback
- ○ b. a remark
- ○ c. a warning message
- ● d. a prompting cue

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HCI: Human Computer Interface

Question 3

Answer saved

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question

Which of the following statements **dose not** apply to Mental or Conceptual Models

Select one:

- ○ a. used all the time to work out how the world will behave
- 🟢 b. complete and stable
- ○ c. built up using different areas of our knowledge
- ○ d. Personal

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HCI: Human Computer Interface

Question 8

Answer saved

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⚑ Flag
question

Which of the following is not part of the usability requirement specification.

Select one:

- ⦿ a. What level of the measure is required
- ○ b. How it will be measured
- ○ c. What will be measured
- ⦿ d. who will measure the requirement

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HCI: Human Computer Interface

Question 14

Answer saved

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⚑ Flag question

Explain the term "recognition over recall"

Format	▾	**B**	*I*	☰	☰	🔗	✂		🖼	🔲

Multiple choice: you can recognize the answer
Essay: you must recall the answer
A computer with a GUI allows us to recognize commands on a menu, instead of remembering them as in DOS and UNIX
Command-based interfaces require users to recall from memory a name from a possible set of 100s
GUIs provide visually-based options that users need only browse through until they recognize one
Web browsers, MP3 players, etc., provide lists of visited URLs, song titles etc., that support recognition memory

"Recognition over recall" refers to a design principle that makes it easier for individuals to recognize information when it is presented to them, rather than relying on their memory to recall the information. This is achieved by providing solutions or options that facilitate users in recognizing the correct answer, as opposed to expecting them to recall it independently.

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Finish attempt ...

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Question 1

Answer saved

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⚑ Flag question

Which of the following are methods used for assessing usability?

Select one:

- a. subjective satisfaction
- b. speed of performance
- c. rate of errors
- d. all of these

Below are several statements, which refer to the use of word processing software that runs under a Windows environment, and also to design principles contained in the Microsoft Style Guidelines. For each statement below concerning a design principle, indicate whether it is true or false.

فيما يلي عدة عبارات تشير إلى استخدام برامج معالجة النصوص التي تعمل في بيئة Windows ، وكذلك إلى مبادئ التصميم الواردة في إرشادات نمط Microsoft.

لكل بيان أدناه فيما يتعلق بمبدأ التصميم ، حدد ما إذا كان صحيحًا أم خطأ.

a) Text can be selected by using the mouse pointer, pressing the mouse button and dragging to select the required text. This is a good example of following the Directness principle.

🟢 True   ⚪ False

b) An alternative way to select text is by using keys on the keyboard: the cursor is positioned at the start of the text to be selected, and Shift is held down whilst arrow keys are used to select the required text. This is a good example of following the Forgiveness principle.

🟢 True   ⦿ False

c) Any text that has been selected is displayed on the screen highlighted, compared to the rest of the text. This is a good example of Offer informative Feedback principle.

🟢 True   ⚪ False

Question 5

Answer saved

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1

⚑ Flag
question

Defines the style standards for a single application system

Select one:

- ● a. Application style guide
- ○ b. Environment style guides
- ○ c. The requirements style guide
- ○ d. The corporate style guide

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HCI: Human Computer Interface

Question 3

Answer saved

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1

🏳 Flag
question

Which of the following statements **dose not** apply to Mental or Conceptual Models

Select one:

○ a. used all the time to work out how the world will behave

● b. complete and stable

○ c. built up using different areas of our knowledge

○ d. Personal

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Type here to search

HCI: Human Computer Interface

Question 2

Answer saved

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⚑ Flag question

A good user interface narrows (تقلّل)the gulfs of execution and evaluation

Select one:

- ● True
- ○ False

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HCI: Human Computer Interface

Question 10

Answer saved

Marked out of 1

⚑ Flag question

These are concrete examples of individual tasks.

Select one:

- ○ a. Task model
- ● b. Task scenario
- ● c. Task decomposition
- ○ d. Task type

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HCI: Human Computer Interfac

Question 4

Answer saved

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One of the dimensions of usability is Efficiency which is:

Select one:

○ a. user satisfaction, likeability, attitude

○ b. what services a system provides

○ c. how quickly the system can respond

🟢 d. how quickly users can complete their tasks

Clear my choice

revious page

ious activity
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to search

Jump to...

Explain using examples three techniques that can be used to guide user's attention to important information on the interface?

اشرح باستخدام أمثلة ثلاث تقنيات يمكن استخدامها لتوجيه انتباه المستخدم إلى المعلومات المهمة على الواجهة؟

1. Padded Block Links

Links (or anchors) are inline elements by default, which means that their clickable area spans only the height and width of the text. This clickable area, or the space where you can click to go to that link's destination, can be increased for greater usability. We can do this by adding padding and, in some cases, also converting the link into a block element.

2. Typesetting Buttons

Attention to every detail is what separates a great product from a mediocre one. Interface elements such as buttons and tabs are clicked on many times a day by your users, so it pays to typeset them properly; and by typesetting I mean positioning the label.

3. Using Contrast To Manage Focus

Choose the most appropriate word from Symmetry, Similarity, Closure, Continuity or Proximity to describe each of the Gestalt grouping descriptions beneath.

1. Objects arranged regularly, but which are close vertically, tend to be grouped in rows

Symmetry ⬍

2. Objects of similar shape or color will be perceived to be grouped together Similarity ⬍

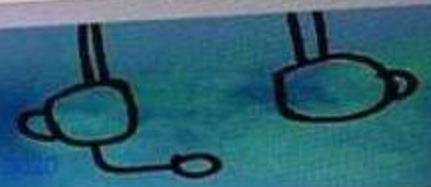3. Objects which follow each other in an un-broken line are grouped together Proximity ⬍

4. Even though parts of regular objects are missing, we tend to fill in the gaps Continuity ⬍

HCI: Human Computer Interface

Question 7

Incomplete answer

Marked out of 6

🚩 Flag question

Match each item to the associated item in list box

Prevent errors	prevention ⇕
Consistency	Match between system and the real world ⇕
Speak the user's language	Choose... ⇕
Support internal locus of control	User control ⇕
Minimize user memory load	Choose... ⇕
Awareness of human strengths and weaknesses	Choose... ⇕

Please answer all parts of the question.

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البوابة التعليمية الإلكترونية لجامعة الإسراء ٦

Human Computer Interface

My courses   HCI: Human Computer Interface   Quizzes & Exams   Quiz 1

Semantic Distance is the distance between what people want to do and the meaning of an interface element.

Select one:
- ⚪ True
- 🟢 False

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Jump to...

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Practical 1: Gulfs

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Links

A user interacts with a system that tracks airliners across the Atlantic. In order to change the target height of a plane the user must select the image of plane then select 'Change height' from the menu bar and then type in the new height that is required.

Indicate whether the statements below in connection with the instance described above and the theory surrounding Command Language Grammar are True or False:

يتفاعل المستخدم مع نظام يتتبع الطائرات عبر المحيط الأطلسي. لتغيير الارتفاع المستهدف لطائره ما ، يجب على المستخدم تحديد صورة الطائره ثم تحديد "تغيير الارتفاع" من شريط القائمة ثم كتابة الارتفاع الجديد المطلوب.

وضح ما إذا كانت العبارات أدناه فيما يتعلق بالسيناريو الموصوف أعلاه والنظرية المحيطة بقواعد لغة الأمر (Command Language Grammar) صحيحة أم خطأ:

a) The task level of the language of interaction is concerned with(معني ب) the placing of interaction objects on the interface.

◉True   🟢False

b) The sequence of actions, selecting the plane, selecting 'Change Height' and typing in the new height, represents the semantics of the language of interaction.

🟢True   ○False

c) The image of the plane on the screen represents a user's mental object.

○True   🟢False

- "Human Computer Interaction is a discipline concerned with the design, evaluation and implementation of interactive computing systems for human use and with the study of the major phenomena surrounding them."
  - As defined by the Special Interest Group on Human-Computer Interaction (SIGCHI) of the Association for Computing Machinery (ACM)

HCI: Human Computer Interface

Question 8

Answer saved

Marked out of
1

⚑ Flag
question

Which of the following is not part of the usability requirement specification.

Select one:

- ● a. What level of the measure is required
- ○ b. How it will be measured
- ○ c. What will be measured
- ● d. who will measure the requirement

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HCI: Human Computer Interface

Question 4

Answer saved

Marked out of 6

⚑ Flag question

Application Style Guide

a) Explain the aim of Application Style Guide.

b) Give two Quality criteria an Application Style Guide have to assure

c) Explain who the user and the developer will benefit from the Application Style Guide

---

Format ▾ | B | I | ☰ ☰ | ... | 🖾 🔗

- To select a style which enhances usability by being appropriate to the users and their tasks
- being well structured;
- being unambiguous;
- A more consistent user interface
- Increased user productivity, because a consistent style reduces what users need to learn and remember, resulting in shorter training time and fewer user errors.
- Reduction in the huge range of choices offered to GUI designers in

colour, font sizes and styles, window controls

- To select a style which enhances usability by being appropriate to the users and their tasks

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Match each item to the associated item in list box

Item	Selection
Consistency	Standards ✔
Speak the user's language	Match between system and the real world ✔
Prevent errors	Error prevention ✔
Minimize user memory load	User control
Support internal locus of control	Tooltips
Awareness of human strengths and weaknesses	Recognition rather than recall ✔

Users have gulf of execution when

Select one:

○ a. they can manipulate physical variables

● b. they don't know how to achieve their goal

○ c. they think in terms of psychological variables

○ d. they don't know what the system is doing

Clear my choice