

Which one of these would NOT be found in a good HCI ?

Common short cuts, like CTRL+Z for undo.

Icons that can have specific meanings.

A long command line to achieve a function

Sounds that convey meanings.

How has human-centered design changed the aircraft cockpit display?

Provided an alternate source of energy

Added more displays to increase information

Improved aircraft performance

Reduced information clutter; easier to read

Changed flight schedules

Which of the following concerns the transfer of control for execution of tasks between system and user?

Substitutivity

Customizability

Flexibility

Task migratability

Which one of these is a good reason for taking care to design a good computer human interface?

Not every user is a computer expert

Well designed HCIs allow the software to be sold at a better price.

Well designed HCIs use less computer resources.

Well designed HCIs allow the computer to run faster

What does HCI stand for?

Human Computer Interface

Human Computer Interaction

Human Computer Implementation

Human Computer Industry

Which of these are attributes of usability?

Learnability.

Usefulness.

Generalisability.

Dialogue

Several usability measures can be collected while observing users interacting with a computer system including?

Down time for the application

number of user errors

software reliability

time spent looking at help materials

both b and d

What is NOT a feature of technology design in consideration of human factors?

Increase in computer speed

Increase in text size and readability

Use of images/symbols for quick reference

3-D images to view terrains and traffic

Use of color coding for identification

Which of the following is not measurable dimension of usability?

Learnability

Efficiency

Price

Error rate

Response time

Satisfaction

What is not an area of study within Human Factors research?

Human performance

Human and technology interaction

Human anatomy

Cognitive research/ human processing

Technology design

Which of the following is NOT a measureable human factor to facilitate the evaluation of a specific user interface design?

Ratio of completed tasks to incomplete tasks.

Rate of error.

Retention over time.

Subjective satisfaction.

Time to learn.

The main goal of HCI is to:

Identify problems and tasks that can be addressed with software products

Create usable software-enabled products and user-interfaces

Enhance the usability of existing software products

a, b and c

The field of HCI is concerned with :

The design of interactive computing systems

a, c, and d

The evaluation of interactive computing systems

The implementation of interactive computing systems

The Human Computer Interaction is :

Mediates the communication between human and computers

Studies the styles of interaction between human and computers

Studies the styles of user interfaces

All of the above

Safety and Security issues are considered:

Goals of HCI

Dimension of usability in HCI

Characteristics of user interface

None

The sequence of interaction between a user and a system refers to :

Interface

Discussion

Dialogue

Session

The dialog between user and system is influenced by

the style of interface

the used programming language

a computer engineering

none of the above

HCI is considered to be :

- a computer science discipline
- a computer engineering discipline
- a psychology and cognitive science
- all of the above

The action of dragging a file into the trash on a desktop on-screen is an example of which usability paradigm

- Use of real-world metaphor
- Windowing system
- Agent-based interface
- Multi-modality

When color is used in a graphical user interface, saturated color pairs are preferred:

False

The Model Human Processor is a theoretical concept not used in the daily practice of User Interface Research and Design:

False

Text legibility is improved by using only capital letters:

False

Interaction flowcharts typically indicate

- the color scheme of a user interface.
- the reasons why users need particular tasks.
- the order of user actions needed for completing a task.
- which user controls are placed on a user interface.

—
An icon is:

- a small vertical lever mounted on a base that steers the cursor on a computer display
- a graphical picture that reflects specific functions within a system
- a button on the mouse that tells the system when an item is selected
- a sphere mounted on a fixed base that steers the cursor on a computer display

What is NOT a feature of technology design in consideration of human factors?

- Increase in computer speed
- Increase in text size and readability
- Use of images/symbols for quick reference
- 3-D images to view terrains and traffic
- Use of color coding for identification

How has human-centered design changed the aircraft cockpit display?

- Provided an alternate source of energy
- Added more displays to increase information
- Improved aircraft performance
- Reduced information clutter; easier to read
- Changed flight schedules

in a well designed User Interface, the systems image and the mental image are completely different.

True

False

Over a short period of time, we find it easier to remember the string of numbers 404 894 6743 because

- numbers are easier to remember than arbitrary characters.
- the grouping of the numbers is significant
- ten numbers is not that many to have to remember from working memory.

a, b and c

You drag a folder to make a copy of its contents. An animation appears on the screen, showing files moving from one folder to another. This is an example of which of the following:

- visibility
- mapping
- an affordance
- feedback

..... allows eye to rest between elements of activity

- Alignment
- Consistency
- White space
- Metaphor

Text legibility is improved by using only capital letters:

True

False

..... allows eye to parse display more easily

- Alignment
- Consistency
- Clarity
- Metaphor

Interface design focuses on:

- how information is provided and captured from users
- the design of forms and reports
- the logical design of system files and databases
- turning design specifications into working computer code

Several usability measures can be collected while observing users interacting with a computer system including

- down time for the application
 - number of user errors
 - software reliability
 - time spent looking at help materials
 - both b and d
-

When color is used in a graphical user interface, saturated color pairs are preferred:

True

False

Which of the following concerns the transfer of control for a) execution of tasks between system and user?

Substitutivity

Customizability

Flexibility

Task migratability

Shortcuts enable frequent users to perform often-used operations quickly

True

False

Ethnography focus on understanding the full complexity of behavior, in its complete social context

True

False

Structured Interview with groups of individuals focus on preferences and views, not performance

True

False

Color is not good for supporting visual search

True

False

Interaction flowcharts typically indicate

the color scheme of a user interface.

the reasons why users need particular tasks.

the order of user actions needed for completing a task.

which user controls are placed on a user interface.

White space provides symmetry and balance through its use

True

False

Be sure to use saturated blues for text or small, thin lines

True

False

Observation technique focus on specific task-relevant behaviors in notes, but later convert to abstract subtasks.

True

False

The Model Human Processor is a theoretical concept not used in the daily practice of User Interface Research and Design.

True

False

In a well designed User Interface, the systems image and the mental image are completely different.

True

False

Informative feedback inform user about what is occurring

True

False

Affordances are:

possibilities for using an object or interface.

the cost of buying a user interface component.

the completion times for a typical task.

user settable preferences.

Observation technique focus on specific task-relevant behaviors in notes, but later convert to abstract subtasks.

True

False

Which of the following concerns the transfer of control for a) execution of tasks between system and user?

Substitutivity

Customizability

Flexibility

Task migratability

Metaphor enable tying presentation and visual elements to some familiar relevant items

True

False

Be sure to use saturated blues for text or small, thin lines

True

False

Recall is better than recognition to minimize user's memory load

True

False

لست مسئول عن الاجابات انما هذا اجتهد شخصي .. اذا فادتك
هات دعوة يوحش .. #قدعنة