

- CS408
- Mid-Term
- Quiz by Attiq Kundi
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Which application has the features such as file transferring, video conferencing and share screening?

Skype

Up and down arrows used to represent the up and down movement of the cursor, respectively, on a computer keyboard is the example of _____

Mapping

Example of form fill interface is _____

Data entry from on some university web

Which of the following is the flaw in waterfall model?

Requirements change over time

_____ interact with outside world , using their input channels, output channel and sense of sight.

Computers

The colors, which are directly opposite to each other are said to be

Complementary colors

Which of the following is the statement given by “Novetech” as a result of survey on the embarrassing experiences of computer?

One in every four computer has been physically attacked by some outside source.

_____ represent the user’s expectation of the tangible outcomes of using a specific product.

End goals

To organize the days for social, commercial, religious and administrative purpose, which application can use?

Skype

The _____ model should match the _____ model.

Conceptual, material

The expectations or needs of the _____ can be the of quality.

End user

Listening require less _____ effort than reading or speaking.

Cognitive

GOMS stand for

Goals, operations, methods and selection rules

There are two aspects in which we can understand the nature of usability

- A. Strategic and tactical
- B. Efficiency and strategy
- C. Tactical and reliability
- D. Efficiency and reliability

Only A

Which of the following is used to toggle between two states?

Radio button

Choice of operation and services are offered on the screen through _____

Menus

The term _____ becomes a euphemism for social and economic apartheid.

“Computer literacy”

The gulf of execution refers to _____

The system difficulty in converting an input expression into the correct system state transition

Currently, many common environment for interactive computing are example of the _____ interface style, often simply called windowing systems.

WIMP

They way, an external disk can be placed into a disk drive is an example of _____

Physical constraint

Which one of the below listed mobile devices is not considered as a smartphone?

Nokia 1110

During _____ phase, usage and workflow patterns discovered through _____ (respectively)

Modeling, analysis

Once the user input into system, the input language is translated into the _____ language as operations to be performed by the system.

b) Core

Which of the following requires less cognitive effort than others?

Listening

Which application can be used by the user to set a reminder about the upcoming events like birthday or appointments?

Calendar

Trying to throw the icon of the hard disk into the wastebasket, in the desktop metaphor, as a way of removing all existing files from the disk is an example of _____.

Mistake

Which of the following is/are aspect(s) of human action?

execution and evaluation

The ----- is an approach in which users are observed as they go about their normal routine activities.

Ethnographic

Which of the following is not the component of color?

Prism

The comparison of what happened in the world with what we wanted to happen is called _____.

Evaluation

What do you procrastinate on? is type of _____.

Avoidance

An interface will have zero to two _____ personas.

Secondary

A small picture that is used to represent a closed window is said to be a/an

Icon

There are two aspects in which we can understand the nature of usability

- A. Strategic and Tactical.
- B. Efficiency and Strategy
- C. Tactical and Reliability
- D. Efficiency and Reliability

Only A

What do you see yourself doing say five years from now is an example of _____.

Attitude-oriented questions

What are the most common things you do with the product is a type of _____.

System-oriented question

Social science and usability texts are full of methods and techniques for conducting _____ research.

Qualitative

Which of the following is a flaw in waterfall model?

requirements change over time

Which of the FALSE statement?

HCI deals with the back-end development of interactive system.

_____ aspect gives us hints and tips about using and creating user interface idioms, like dialog boxes and pushbuttons.

A. Efficient.

B. Strategic.

C. Tactical.

D. Reliable.

Only C

In an organization individuals may keep their own records, or there may be local gurus. This statement concerns with _____.

Organizational memory

Memory model is also called _____ model.

Multi- Store

Novatech survey was designed to know the relationship between _____ and _____.

computers , human beings

If system image does not make design model clear and consistent, then user will have wrong _____.

b) User Model

_____ involves restricting the possible functions that can be carried out by a novice to the basics and then extending these as the novice becomes more experienced.

Training Wheel

Up and down arrows used to represent the up and down movement of the cursor, respectively, on a computer keyboard is the example of _____.

Mapping

With in the display there is an isolated region to call upon a specific operation by the user is called _____.

Button

_____ aspect guides us to think about user interface idioms in other words, the way in which the user and the idiom interact

- A. Efficient.
- B. Strategic.
- C. Tactical.
- D. Reliable.

Only B

During the _____ phase, usage and workflow patterns discovered through analysis of the field research and interviews are synthesized into domain and user models

Modeling

The process of linking and manipulating multimedia representations at the interface is called _____.

Dyna-linking

_____ have difficulties understanding and recognizing written words, making it hard for them to write grammatical sentences and spell correctly.

Dyslexics

“Restricting the kind of user interaction that can take place at a given moment in time” is _____.

Constraint

In an organization individuals may keep their own records, or there may be local gurus. This statement concerns with _____.

Organizational memory

During _____ phase, usage and workflow patterns discovered through _____(respectively)

Modeling, analysis

_____ refers to the relationship between controls and their effects in world.

Mapping

Which application offers the features for the registered users such as auctions, private and commercial sale of used or new products.

Amazon

Which one is the general definition of usability by the ISO/IEC 9241.

"The extent to which a product can be used by specified users to achieve specified goals with effectiveness, efficiency, and satisfaction in a specified context of use"

Which one of the following is not a feature of smart phone?

Can fly in air

Which of the following is the statement given by "Novatech" as a result of a survey on the embarrassing experiences of computers?

One in every four computers has been physically attacked by some outside source.

Which application started with an online bookstore and went ahead with DVDs, CDs, video and MP3 downloading and streaming, video games, food, furniture, jewellery, etc.

Amazon

The aim of an ethnographic study is to make the _____ design into _____ design (respectively).

Implicit, explicit

Consistent interfaces refers to _____ for achieving similar tasks.
operations A) have similar
B) use similar elements

C) have different operations

Both A and B

The term mental model was first developed in the early 1940s by _____ .

Kenneth Craik

Windows may also be _____, when they adjoin but do not overlap each other.

Tiled

What are the senses that currently do not play a significant role in HCI?

Taste and smell

If we want to access remote system/terminal to work on _____ , protocol is being used;

Telnet

1. Learnability, flexibility, and robustness are three main usability principles that can be considered as general headings for standards and guidelines generation. Which of the following are also high level usability categories that can guide standards and guidelines generation?

1. Effectiveness 2. Efficiency 3. Fault tolerance 4. Satisfaction

- 1 and 2 y
- 1, 2 and 4 ✓
- 2 and 3
- 2 and 4

2. The comfort and acceptability of use is called

- Efficiency ✓
- Effectiveness
- Satisfaction
- Adaptability

3. The command-line interface is used because

- It is easy to understand
- It is demanded by DOS
- It is offered by Unix systems
- It is powerful and flexible ✓

4. Which one is not an Input Controls?

- checkboxes
- tags ✓
- buttons
- text fields

5. Which of the following is true about Short-Term memory?

- Short-term memory has a limited capacity ✓
- Short-term memory has an unlimited capacity
- Short term memory has no capacity
- Short term memory has large but limited capacity

6. Which of the following device can not be useful for a visually impaired person?

- a typical keyboard
- a typical monitor ✓
- a typical speaker
- a typical processor

7. Which of the following is considered as the most complex species?

- Humans ✓
- Computers
- Animals
- Birds

8. Visually impaired persons can interact with the outside world using their

- sense of sight

- sense of hearing
- both sense of touch and sense of hearing ✓
- sense of touch

9. Which application allows the registered users to communicate through voice using a microphone, video call using a webcam, and instant messaging over the internet?

- Skype ✓
- Calendar
- Amazon
- CNN

10. 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
- None of these

11. Which of the following types of reasoning, derives the logically necessary conclusion from the given premises?

- Deductive ✓
- Inductive
- Abductive
- Distributive

12. HCI deals with

- Design of interactive system only
- Evaluation of an interactive system only
- Implementation of an interactive system only
- All of the given ✓

13. Which one is not Navigational Components?

- slider
- breadcrumb
- progress bar ✓
- icons

14. Which one of the below listed mobile devices is considered as a smartphone?

- Samsung Note2
- Samsung s5
- Apple iPhone
- All of the given ✓

15. The resources expended in relation to the accuracy and completeness with which users achieve goals

- Efficiency ✓
- Effectiveness

- Satisfaction
- Adaptability

16. Which application can be used by the user to set a reminder about upcoming events like birthday or appointments?

- Skype
- **Calendar ✓**
- Amazon
- None

17. Currently, many common environments for interactive computing are examples of the ____ interface style, often simply called windowing systems

- Three-dimensional
- **WIMP ✓**
- Point and click
- None

18. There are two aspects in which we can understand the nature of usability

- A. **Strategic and Tactical**
- B. Efficiency and Strategy
- C. Tactical and Reliability
- D. Efficiency and Reliability

- **Only A ✓**
- Only C
- A and D
- B and C

19. ____ aspect guides us to think about user interface idioms in other words, the way in which the user and the idiom interact

- A. Efficient
- B. **Strategic**
- C. Tactical
- D. Reliable

- **Only B ✓**
- Only C
- A and B
- C and D

20. Once the user input into system, the input language is translated into the ____ language as operations to be performed by the system

- Task
- **Core ✓**
- Both
- None

21. A small picture that is used to represent a closed window is said to be a/an

- menu
- toolbar

- status bar
- icon ✓

22. Which of the following is true regarding "Visibility"?

- The more visible functions are, the more likely users will be able to know what to do next ✓
- The more visible functions are, the less likely users will be able to know what to do next
- Functions visibility and user knowing of what to do next, are not related to each other
- None

23. Which of the following type of devices is related to give instructions to the computer?

- input devices ✓
- output devices
- monitors
- hard disks

24. Within the display there is an isolated region to call upon a specific operation by the user is called ____

- Pointers
- Buttons ✓
- Both
- None

25. Choice of operations and services are offered on the screen through ____

- Pointers
- Toolbars
- Menus ✓
- None

26. ____ are unintentional while ____ occur through conscious deliberation.

- Slips, mistakes ✓
- Errors, slips
- Mistakes, errors
- Mistakes, slips

27. What is the main strength of the Problem Space Framework as a model of human problem solving?

- It operates within the constraints of the human processing system ✓
- It explains what is involved in insight
- It allows ill-defined problems to be solved
- None

28. ____ is the process of selecting things to concentrate on, at a point in time, from the range of possibilities available.

- Perception and recognition

- Attention ✓
- Learning
- None

29. Interpretation inquiry, according to Beyer and Holtzblatt, is based on a master-apprentice model learning.

- True
- False ✓

30. The persona is not an actual user of the product, but is indirectly affected by it and its use refers to ____ persona.

- Primary
- Secondary
- Served ✓

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