Solved By Ali Muaaz
Alimuaaz11@gmail.com

CS 408 Midterm papers Solved by Ali Muaaz

______________are unintentional while ______________ occur through conscious deliberation.
► **Slips, mistakes P/100**
► Errors, slips
► Mistakes, errors
► Mistakes, slips

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 P/91**
► It explains what is involved in insight
► It allows ill-defined problems to be solved
► None of these

____________ is the process of selecting things to concentrate on, at a point in time, from the range of possibilities available.
► Perception and recognition

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Alimuaaz11@gmail.com

► Attention   P/76
► Learning
► None of these

Interpretation inquiry, according to Beyer and Holtzblatt, is based on a master-apprentice model of learning.
► True
► False P/176
Contextual inquiry, according to Beyer and Holtzblatt, is based on a master-apprentice model of learning:

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 P/159
► Negative
_________ is a powerful, multipurpose design tool that helps overcome several problems that currently plague the development of digital products.

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Alimuaaz11@gmail.com

1. Scenario
2. Persona P/187__ Lecture-22
3. Prototype

The difference between the intentions and allowable actions is the:
1. Gulf of Execution P/103__ Lecture -12
2. Gulf of Evaluation
3. None of these

Attention is the process of selecting things to concentrate on, at a point in time, from the range of
1. Possibilities available P/76
2. Time Available
3. None of these

The goals of HCI are :
1. Usability and User Experience
2. Learn ability and Comfort
3. Tasks and Goals.

Solved By Ali Muaaz
Alimuaaz11@gmail.com

WYSIWYG stands for ____________.
- Where you see is where you get
- **What you see is what you get P/36, Lecture-4**
- When you see it when you get

____________ is proportional to the amplitude of the sound.

Pitch
Loudness P/70, Lecture-8
Timber

Persona is not context specific, so it can be reused easily.
- True
- **False P/189, Lecture_22**

__________ are individual and isolated regions within display that can be selected by the user to invoke specific operations.

► Buttons P/133

Solved By Ali Muaaz
Alimuaaz11@gmail.com

▶ Pointers
▶ Menus
▶ Windows

User personas that are not primary or secondary are ____________ personas.
▶ Served
▶ Negative
▶ Customer
▶ Supplemental P/188

Which of the following is the comparison of what happened in the world with what we wanted to happen?
▶ Action
▶ Evaluation P/99
▶ Execution
▶ None of these

The size and shape of a compact disk, is a type of _____________ constraint.
▶ Physical P/106

► Logical
► Cultural
► None of these

_____________ Research can tell you about what, how, many and why in rich, multivariate detail
► Quantitative
► Qualitative P/166
► SME
► None of these

Which of the given statements correctly defines effectiveness in terms of one of the usability goals?
Select correct option:

It is a very general goal and refers to how good a system at doing what it is suppose to do. P/31__ Lecture-4
It refers to the way a system supports users in carrying out their tasks.
It involves protecting the users from dangerous conditions
It involves protecting the users from undesired situations

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Alimuaaz11@gmail.com

Which of the following is not a secondary color?
Select correct option:
Green
Orange
Purple
Blue P/63_- Lecture-8

Which of the following device can not be useful for a visually impaired person?
Select correct option:
a typical keyboard
a typical monitor
a typical speaker
a typical processor

Which of the following requires less cognitive effort than others?
Select correct option:
Listening P/87_- Lecture -10

Speaking
Hearing
None of the given

We are deficient in our development _________, not in our development __________ (respectively).
Select correct option:
Process, Tools P/23, Lecture-3
Tools, Process
Tools, Methodology
None of these

Which of the following is not true regarding “cones”?
Select correct option:
A type of receptor in eye more sensitive to light P/60, Lecture-7
Different types of cones are sensitive to different wavelengths of light
Eye has approximately 6 million cones

Which of the following does not count as one of the advantages of computers?

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Select correct option:
Computers are enabling new discoveries
Leading to efficiencies
Making our life convenient
Depending so much on computers may give fatal results

The gulf of execution refers to ________________ .
Select correct option:
The user's difficulty in understanding the feedback from the system
The system's difficulty in presenting information in the output language
The system's difficulty in converting an input expression into the correct system state transition
The user's difficulty in formulating and articulating an intention to the system

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? (i) Effectiveness (ii) Efficiency (iii) Fault tolerance (iv) Satisfaction
Select correct option:
(i) & (ii)

(i), (ii) & (iv)
(ii) & (iii)
(ii) & (iv)

Which of the following is not true?
Select correct option:
Utility refers to the functionality of a system
Usability is concerned with adding complexity to the system P/30__ Lecture-4
Usability is concerned with making systems easy to use
Poorly designed computer system can be extremely annoying to users

The command line interface is used because
Select correct option:
It is easy to understand
It is demanded by DOS
It is offered by Unix systems
It is powerful and flexible (Google)

Which of the given statements correctly defines effectiveness in terms of one of the usability

goals?
Select correct option:
It is a very general goal and refers to how good a system at doing what it is suppose to do. P/31__ Lecture-4
It refers to the way a system supports users in carrying out their tasks.
It involves protecting the users from dangerous conditions
It involves protecting the users from undesired situations

Which of the following is not one of the primary colors?
Select correct option:
Red
Yellow
Blue
Green P/63_- Lecture-8

Which of the following is concerned primarily with understanding human behavior and the mental processes that underlie it?
Select correct option:

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Psychology
Sociology
Statistics
Computer Science

HCI deals with
Select correct option:
Design of interactive system only
Evaluation of interactive system only
Implementation of interactive system only
All of the given choices

Human beings interact with outside world, using their
Select correct option:
input channels
output channels
sense of sight
All of the given P/54

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Alimuaaz11@gmail.com

We are deficient in our development _________, not in our development __________ (respectively).
Select correct option:
Process, Tools P/23, Lecture-3
Tools, Process
Tools, Methodology
None of these

Visually impaired persons can interact with outside world using their
Select correct option:
Sense of sight
Sense of hearing
Both sense of touch and sense of hearing
Sense of touch

_____________is the process of selecting things to concentrate on, at a point in time, from the range of possibilities available
Reasoning
Decision Making

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Alimuaaz11@gmail.com

Attention P/76, Lecture-9

__________ refers to the relationship between controls and their effects in the world. Visibility
Affordance
Mapping P/107, Lecture- 12

. _________________ plays a role to bridge up the gap between the interfaces of machines and human understanding.
Human computer Interaction P/14
Software Engineering
Human Computer Interfaces

___________ is a very general goal of Usability and refers to how good a system at doing what it is suppose to do.
Effectiveness P/31
Efficiency
Utility
. _________________is what goes on in out heads when we carry out our everyday activities.
Cognition P/47

Learnability
Memeorability

_______________ is the process by which we use the knowledge we have to draw conclusions or infer something new about the domain of interest.
Decision Making
Reasoning P/89
Problem Solving

________research helps us understand the domain, context and constraints of a product in different, more useful ways than _______research do.
Qualitative, Quantitative P/167
Quantitative, Qualitative
None of them

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

Solved By Ali Muaaz
Alimuaaz11@gmail.com

statement concerns with _____________.
► Paper work and computer work
► Spatial and temporal organizations
► Organizational memory
► None of these

Using icons on the desktop to represent operations is a type of _________ constraint.
► Physical
► Logical
► Cultural (Google)
► None of these
_____________ is a term used to refer to an attribute of an object that allows people to know how to use it.
► Visibility
► Affordance P/105
► Constraint
► None of these
_____________ minimizes errors.
► Affordance

► Visibility
► Constraints
► None of these

Which of the following is proportional to the amplitude of the sound; the frequency remains constant?
► Pitch
► Loudness P/70, Lecture-8
► Timber
► None of these

___________ plays a role to bridge up the gape between the interfaces of machines and human understanding.
► Human
► Computer
► Human Computer Interaction P/14
► None of these

The persona's needs are sufficiently unique to require a distinct interface form and behavior is

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Alimuaaz11@gmail.com

______________ type of Persona.

► Primary P/159
► Secondary
► Supplement
► Negative

A _________is usually a collection of icons those are reminiscent of the purpose of the various modes.

► Button
► Pointer
► Palette P/133
► Title bar

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 P/159
► Negative

Solved By Ali Muaaz
Alimuaaz11@gmail.com

During _____________ phase, usage and workflow patterns discovered through ______________.

- ► **Modeling, analysis P/159**
- ► Analysis, modeling
- ► Testing, modeling
- ► Testing, Analysis

.

Waterfall model is basically a _________ model in which each step must be completed before the next step can be started

- ► Incremental
- ► **Linear P/149**
- ► Iterative
- ► Analytical

Models are used in design to

- ► Generate the design
- ► Evaluate the design
- ► **Generate and evaluate the design (Google)**
- ► None of the given

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Alimuaaz11@gmail.com

What is a semantic network?

► A model of long-term memory P/82
► A record of our memory of events
► The part of the brain which allows us to remember things
► A mechanism for improving memory

Which are the most significant senses for the average person when it comes to interacting with a computer?

► Sight and hearing
► Hearing, touch and smell
► Hearing and touch
► Sight, hearing and touch

_________ refers to the way a system supports users in carrying out their tasks.

Efficiency P/31
Effectiveness
Utility

_____________ are GUIs that consists of electronic counterparts to physical objects in the real

Solved By Ali Muaaz
Alimuaaz11@gmail.com

world to match the knowledge requirements of users.
User Interaction Models
Conceptual Models
Interface Metaphors P/51

________language tends to be grammatical while _________ language is often Ungrammatical.
Written, spoken P/87
Spoken, written
None of the given choices

Aspect gives us hints and tips about using and creating user interface idioms.
Strategic
Tactical P/143
None of the given choices

Strategic aspect guides us to think about user interface idioms – in other words, the way in which the user and the idiom interact. **Tactical aspects** give us hints and tips about using and creating user interface idioms, like dialog boxes and pushbuttons.

Solved By Ali Muaaz
Alimuaaz11@gmail.com

The Usability Engineering lifecycle was proposed by _________.
Deborah Mayhew P/153
Websterfg
Barry Boehm
Hartson

Ali wants to develop an application that incorporates print, audio video media and software applications on a single place. Which of the following will help in this regard?
MS World
Worldwide Web
Television Newspaper

Ali is looking at how interface designers went about their work. He identified two different modes of activity: one is _________ and other is ___________ .
Analytic mode, synthetic mode P/153
Evaluation mode, testing mode
Analyze mode, feedback mode
Implementation mode, task mode

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Alimuaaz11@gmail.com

Scenario content and context are derived from information gathered during the ____________ phase and analyzed during the ______________ phase (respectively)
Modeling, Implementation
Modeling, Research
Research, Implementation
Research, Modeling

Ali requires access via a navigational portal relatively infrequently that provides clear, simple navigational control. Which of the following posture is appropriate in this case?
Auxiliary
Transient
Information
Sovereign

___________ are dragged down from the title at the top of the screen.
Pull Down Menus
Main Menus
Icons

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Buttons

When you engaged in a conversation you are more attentive what the other person is saying. It is called?
Focused Attention
Voluntary Attention P/78
Involuntary attention
Divided Attention

Drive a vehicle while holding a conversation with a passenger is the example of _________ .
Focused Attention
Voluntary Attention
Involuntary attention
Divided Attention P/78

GOMS stands for
Goals operation methods and selection rules P/50
Goals objects models and selection rules `
Goals operations methods and state rules

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Goals operations models and state rules

Which of the following is/are the main component(s) of color?

Hue
Intensity
Saturation
All of the given P/59

Hue

Hue is determined by the spectral wavelength of the light. Blues have short wavelength, greens medium and reds long. Approximately 150 different hues can be discriminated by the average person.

Intensity

Intensity is the brightness of the color.

Saturation

Saturation is the amount of whiteness in the colors.

________ represent the user's expectations of the tangible outcomes of using a specific product.

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Non-user goals
End goals P/192
Experience goals
Life goals

FINALTERM EXAMINATION
Spring 2010
CS408- Human Computer Interaction (Session - 4)

Time: 90 min
Marks: 58
(Note Solution is not confirmed so please solve it yourself)

CS408 Question No: 1
Persona is not context specific, so it can be reused easily.
- ► **True**
- ► False

CS408 Question No: 2

Solved By Ali Muaaz
Alimuaaz11@gmail.com

In an email application configuring a new email server is a key path activity.

► **True**
► False

CS408 Question No: 3

______________ are perhaps the least-documented patterns, but they are nonetheless in widespread use.

► Postural
► **Structural**
► Behavioral
► Mnemonic

CS408 Question No: 4

The way people carry out an activity in the real world is same as how it may be observed in the laboratory

► **True**
► False

CS408 Question No: 5

Engineering a user interface involves a quantitative engineering style of working in which measurements are used to judge the quality of interface. Hence ____________ is appropriate.

- ► **Usability testing**
- ► Field study
- ► Predictive evaluation
- ► DECIDE framework

CS408 Question No: 6

Exploring how children talk together in order to see if an innovative new groupware product would help them to be more engaged would probably be better informed by a ______________.

- ► Usability testing
- ► **Field study**
- ► Predictive evaluation
- ► DECIDE framework

CS408 Question No: 7

Beneath the surface is the _____________ of the site: the placement of buttons, tabs, photos, and blocks of text.

- ► Surface
- ► Structure
- ► **Skeleton**

► Scope

CS408 Question No: 8

Roughly ______________ percent of the male population has some degree of color blindness.

► **10**
► 20
► 30
► 40

CS408 Question No: 9

___________ are individual and isolated regions within display that can be selected by the user to invoke specific operations.

► **Buttons**
► Pointers
► Menus
► Windows

CS408 Question No: 10

The ___________ function came into being as the result of the implementation model for undo

► Redo

► Undo
► Repeat
► Delete

CS408 Question No: 11

If the user wants to _________ place the document somewhere in the file system hierarchy, he can request this function from the menu.

► Explicitly
► Implicitly
► Habitually
► Properly

CS408 Question No: 12

Design of user interfaces does not entirely ___________ aesthetic concerns, but rather it places such' concerns within the constraints of a _____________ framework.

► Include, Functional
► Exclude, Functional
► Include, Non-Functional
► Exclude, Non-Functional

CS408 Question No: 13

Solved By Ali Muaaz
Alimuaaz11@gmail.com

When developing ____________, plan to keep them short, straightforward and avoid asking too many.

- ► Videos
- ► Documentation
- ► **Interview CS408 Questions**
- ► Contextual enquiry

CS408 Question No: 14

Conventional wisdom says that ________ tell the user when he has made some mistake.

- ► Program crash
- ► System stuck
- ► **Error messages**
- ► Metadata

CS408 Question No: 15

People frequently counter the idea of ________feedback with arguments that users don't like it

- ► **Audible**
- ► Video
- ► Walkthroughs
- ► CS408 Questions

CS408 Question No: 16

Solved By Ali Muaaz
Alimuaaz11@gmail.com

___________environments are environments that are user and context aware.

- ► Non-attentive
- ► Visual
- ► Sensing
- ► **Attentive**

CS408 Question No: 17

User personas that are not primary or secondary are ____________ personas.

- ► Served
- ► Negative
- ► Customer
- ► **Supplemental**

CS408 Question No: 18

Which of the following is the comparison of what happened in the world with what we wanted to happen?

- ► Action
- ► Evaluation
- ► Execution
- ► **None of these**

Solved By Ali Muaaz
Alimuaaz11@gmail.com

CS408 Question No: 19

The size and shape of a compact disk, is a type of _____________ constraint.

- ► Physical
- ► **Logical**
- ► Cultural
- ► None of these

CS408 Question No: 20

_____________ research can tell you about what, how, many and why in rich, multivariate detail.

- ► Quantitative
- ► **Qualitative**
- ► SME
- ► None of these

CS408 Question No: 21

_____________is the least technical way of collecting data, but it can be difficult and tiring to write and observe at the same time.

- ► Audio recording.

- ► **Taking notes.**
- ► Observation
- ► Video

CS408 Question No: 22
Panes, frames and other containers on screen is a kind of _____________

- ► **Functional and data elements**
- ► View
- ► Input method
- ► None of the given

CS408 Question No: 23
____________ is particularly useful early in design. It is excellent technique to use with the prototype, because it provides a wealth of diagnostic information.

- ► Co-discovery
- ► **Active intervention**
- ► Splendid research
- ► None of the given

Solved By Ali Muaaz
Alimuaaz11@gmail.com

CS408 Question No: 24
Information sites with daily-updated information will naturally attract ____________ users more than a monthly-updated site.

- ► **Repeat**
- ► Infrequent
- ► Nonuser
- ► None of the given

CS408 Question No: 25
Evaluations done during design to check that product continues to meet users' needs are known as _____________ evaluation.

- ► **Formative**
- ► Summative
- ► Relative
- ► None of the given

CS408 Question No: 26
____________ frequent your primary personas access the site, _____________ transient a stance the site needs to take (respectively).

► More, Less
► **Less, more**
► Less, less
► None of the given

CS408 Question No: 27 (Marks: 2)
Give two examples of “Avoidance” with respect to Attitude-oriented CS408 Questions. [2

CS408 Question No: 28 (Marks: 2)
Write any two common ways to Improve Navigation? [2]

CS408 Question No: 29 (Marks: 2)
What are Controlled Vocabularies? [2]

CS408 Question No: 30 (Marks: 2)
List down any four principles that can help make your visual interface as easy and pleasurable to use as possible.

CS408 Question No: 31 (Marks: 3)

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Explain "Participants Represent Real Users" in context of usability testing.

CS408 Question No: 32 (M a r k s: 3)
By breaking down Skeleton plane into its component elements then how all the pieces fit together to create this as a whole user experience? [3

CS408 Question No: 33 (M a r k s: 3)
When is it useful to observe in context to observation process? [3]

CS408 Question No: 34 (M a r k s: 5)
Discuss the model problems of multiple undo.

CS408 Question No: 35 (M a r k s: 5)
How can we improve data retrieval through "storage and retrieval Systems"?

CS408 Question No: 36 (M a r k s: 5)
Does it is necessary for evaluation team to have the expertise needed to do the evaluation? Justify your answer with example.

Solved By Ali Muaaz
Alimuaaz11@gmail.com

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Alimuaaz11@gmail.com

MIDTERM EXAMINATION
Fall 2008
CS408- Human Computer Interaction (Session - 2)

Time: 60 min
Marks: 38

Question No: 1 (Marks: 1)

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

Solved By Ali Muaaz
Alimuaaz11@gmail.com

► Paper work and computer work

► Spatial and temporal organizations

► Organizational memory

► None of these

Question No: 2 (M a r k s: 1)
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 of these

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Question No: 3 (Marks: 1)

Using icons on the desktop to represent operations is a type of ________constraint.

► Physical
► Logical
► Cultural
► None of these

Question No: 4 (Marks: 1)

____________ is a term used to refer to an attribute of an object that allows people to know how to use it.

► Visibility
► Affordance
► Constraint
► None of these

Question No: 5 (Marks: 1)

____________ minimizes errors.

- ► Affordance
- ► Visibility
- ► Constraints
- ► None of these

Question No: 6 (Marks: 1)
Which of the following is proportional to the amplitude of the sound; the frequency remains constant?

- ► Pitch
- ► Loudness
- ► Timber
- ► None of these

Question No: 7 (Marks: 1)
__________ plays a role to bridge up the gape between the interfaces of machines and human understanding.

- ► Human
- ► Computer
- ► Human Computer Interaction

► None of these

Question No: 8 (M a r k s: 1)
The persona's needs are sufficiently unique to require a distinct interface form and behavior is ______________ type of Persona.

► Primary

► Secondary

► Supplement

► Negative

Question No: 9 (M a r k s: 1)
A _________is usually a collection of icons those are reminiscent of the purpose of the various modes.

► Button

► Pointer

► Palette

► Title bar

Question No: 10 (Marks: 1)
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

► Negative

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Question No: 11 (Marks: 1)
During _____________ phase, usage and workflow patterns discovered through ______________.

► Modeling, analysis

► Analysis, modeling

► Testing, modeling

► Testing, Analysis

Question No: 12 (Marks: 1)
The Usability Engineering lifecycle was proposed by _________.

► Deborah Mayhew
► Webster
► Barry Boehm.

► Hartson.

Question No: 13 (Marks: 1)
Waterfall model is basically a _________ model in which each step must be completed before the next step can be started

► Incremental

► Linear

► Iterative

► Analytical

Question No: 14 (Marks: 1)
Models are used in design to

► Generate the design

► Evaluate the design

► Generate and evaluate the design

► None of the given

Question No: 15 (M a r k s: 1)
What is a semantic network?
► A model of long-term memory
► A record of our memory of events
► The part of the brain which allows us to remember things
► A mechanism for improving memory

Question No: 16 (M a r k s: 1)
Which are the most significant senses for the average person when it comes to interacting with a

computer?

- ► Sight and hearing
- ► Hearing, touch and smell
- ► Hearing and touch
- ► Sight, hearing and touch

Question No: 17 (Marks: 1)
Define Attention. [1]

Question No: 18 (Marks: 1)
Define Recognition. [1]

Question No: 19 (Marks: 2)
What is the difference between Tertiary and Analogous colors? [2]

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Question No: 20 (Marks: 3)
Comment to justify the following statement.

"Most users are neither beginners nor experts; instead they are intermediates"

Question No: 21 (Marks: 5)
What are the pointing devices? Explain trackball as pointing device? [2+3]

Question No: 22 (Marks: 10)
Consider the vertical scroll bar of a web browser or word processor. For each of Norman's five principles below, give one way that the scroll bar uses the principle for effective design. Describe the interface model of the scroll bar in one sentence.
[2*5]

- **Affordance**:

Solved By Ali Muaaz
Alimuaaz11@gmail.com

- **Constraints**:
- **Mapping**:
- **Visibility**:
- **Feedback**:

Question No: 1 (Marks: 1)
In an organization individuals may keep their own records, or there may be local gurus. This statement concerns with ____________.

► Paper work and computer work

► Spatial and temporal organizations

► Organizational memory

► None of these

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Currently many common environments for interactive computing are examples of the

Solved By Ali Muaaz
Alimuaaz11@gmail.com

______________ interface style, often simply called windowing systems.

► Three-dimensional

► WIMP

► Point and click

► None of these

Question No: 3 (Marks: 1)
Using icons on the desktop to represent operations is a type of ________constraint.

► Physical
► Logical
► Cultural
► None of these

Question No: 4 (Marks: 1)

Solved By Ali Muaaz
Alimuaaz11@gmail.com

____________ is a term used to refer to an attribute of an object that allows people to know how to use it.

- ► Visibility
- ► Affordance
- ► Constraint
- ► None of these

Question No: 5 (Marks: 1)

____________ minimizes errors.

- ► Affordance
- ► Visibility
- ► Constraints
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Which of the following is proportional to the amplitude of the sound; the frequency remains constant?

- ► Pitch
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- ► Human
- ► Computer
- ► Human Computer Interaction
- ► None of these

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The persona's needs are sufficiently unique to require a distinct interface form and behavior is _____________ type of Persona.

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- ► Secondary

► Supplement

► Negative

Question No: 9 (Marks: 1)
A _________is usually a collection of icons those are reminiscent of the purpose of the various modes.

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► Pointer

► Palette

► Title bar

Question No: 10 (Marks: 1)

Solved By Ali Muaaz
Alimuaaz11@gmail.com

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

► Negative

Question No: 11 (Marks: 1)
During _____________ phase, usage and workflow patterns discovered through ______________.

► Modeling, analysis

► Analysis, modeling

► Testing, modeling

► Testing, Analysis

Question No: 12 (Marks: 1)
The Usability Engineering lifecycle was proposed by _________.

► Deborah Mayhew
► Webster
► Barry Boehm.

► Hartson.

Question No: 13 (Marks: 1)
Waterfall model is basically a _________ model in which each step must be completed before the next step can be started

► Incremental

Solved By Ali Muaaz
Alimuaaz11@gmail.com

► Linear

► Iterative

► Analytical

Question No: 14 (Marks: 1)
Models are used in design to

► Generate the design

► Evaluate the design

► Generate and evaluate the design

► None of the given

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Question No: 15 (Marks: 1)
What is a semantic network?

- ► A model of long-term memory
- ► A record of our memory of events
- ► The part of the brain which allows us to remember things
- ► A mechanism for improving memory

Question No: 16 (Marks: 1)
Which are the most significant senses for the average person when it comes to interacting with a computer?

- ► Sight and hearing
- ► Hearing, touch and smell
- ► Hearing and touch
- ► Sight, hearing and touch

Question No: 17 (Marks: 1)
Define Attention. [1]

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Question No: 18 (Marks: 1)
Define Recognition. [1]

Question No: 19 (Marks: 2)
What is the difference between Tertiary and Analogous colors? [2]

Question No: 20 (Marks: 3)
Comment to justify the following statement.

"Most users are neither beginners nor experts; instead they are intermediates"

Question No: 21 (Marks: 5)
What are the pointing devices? Explain trackball as pointing device? [2+3]

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Question No: 22 (Marks: 10)
Consider the vertical scroll bar of a web browser or word processor. For each of Norman's five principles below, give one way that the scrollbar uses the principle for effective design. Describe the interface model of the scroll bar in one sentence.
[2*5]

- **Affordance**:
- **Constraints**:
- **Mapping**:
- **Visibility**:
- **Feedback**:

Question No: 1 (Marks: 1) - Please choose one
____________ is a term used to refer to an attribute of an object that allows people to know how to use it.
► Visibility

Solved By Ali Muaaz
Alimuaaz11@gmail.com

► Affordance
► Constraint
► None of these

Question No: 2 (Marks: 1) - Please choose one
What is a semantic network?
► A model of long-term memory
► A record of our memory of events
► The part of the brain which allows us to remember things
► A mechanism for improving memory

Question No: 4 (Marks: 1) - Please choose one
You can load a VCR tape the right way because of _____________.
► Physical constraints
► Logical constraints
► Cultural constraints
► None of these

Question No: 5 (Marks: 1) - Please choose one

Solved By Ali Muaaz
Alimuaaz11@gmail.com

A mouse button invites pushing by the way it is physically constrained in its plastic shell, is an example of ____________ Design Principle.

- ▶ Visibility.
- ▶ Affordance
- ▶ Mapping
- ▶ None of these

Question No: 17 (Marks: 2)
What are Design Edge Cases?

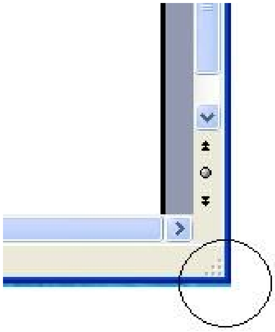
Question No: 18 (Marks: 2)
What are the Pointing Devices?

Question No: 19 (Marks: 3)
Define following in relation to Ethnographic Interviews.

- Early Phase
- Mid Phase

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Question No: 20 (Marks: 3)
Define following in context of resizing button given at the right bottom corner of any Windows:-



- Natural Mapping
- Feedback

Question No: 22 (Marks: 5) ***(Lucky enough to get additional 2 marks due to repetition :P)***
What are the pointing devices? Explain Touch Pad as pointing device? [2+3]

Solved By Ali Muaaz
Alimuaaz11@gmail.com

Question No: 23 (Marks: 5)
Explain following:-

- Supplemental Persona.
- Customer Persona.