CS-408 Human Computer Interaction

Update MCQS For Quiz-2 File

Solve By Vu Topper RM

80 To 100% Marks



بری صحبت سے تنہائی بہتر ہے اور تنہائی سے نیک صحبت بہتر ہے

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Question No:1 **(Marks:1)** **Vu-Topper RM**

Gulf of _____ is the difference between the user's formulation of the actions to reach the goal and the actions allowed by the system

A. Execution **Page 122** **ok**

B. Operation

C. Evaluation

D. Interaction

Question No:2 **(Marks:1)** **Vu-Topper RM**

Which application has the features such as file transferring, video conferencing and share screening?

A. CNN

B. Skype **ok**

C. Amazon

D. Calendar

Question No:3 **(Marks:1)** **Vu-Topper RM**

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

a) Constraints

b) Affordance

c) Mapping **Page 107** **ok**

d) Both a and b

Question No:4 **(Marks:1)** **Vu-Topper RM**

Example of form fill interface is _____

Data entry from on some university web

Question No:5 **(Marks:1)** **Vu-Topper RM**

Which of the following is the flaw in waterfall model?

Requirements change over time

Question No:6 **(Marks:1)** **Vu-Topper RM**

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

Computers

Question No:7 **(Marks:1)** **Vu-Topper RM**

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

Complementary colors

Vu-Topper RM

Question No:8 **(Marks:1)** **Vu-Topper RM**

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.

Question No:9 **(Marks:1)** **Vu-Topper RM**

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

End goals

Question No:10 **(Marks:1)** **Vu-Topper RM**

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

Skype

Question No:11 **(Marks:1)** **Vu-Topper RM**

The _____ model should match the _____ model.

A. User, conceptual
B. Conceptual, mental **ok**
C. Mental, central
D. Conceptual, central

Question No:12 **(Marks:1)** **Vu-Topper RM**

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

End user

Question No:13 **(Marks:1)** **Vu-Topper RM**

Listening require less _____ effort than reading or speaking.

Cognitive

Question No:14 **(Marks:1)** **Vu-Topper RM**

GOMS stand for

Goals, operations, methods and selection rules

Vu Topper RM

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Question No:15 **(Marks:1)** **Vu-Topper RM**

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

Question No:16 **(Marks:1)** **Vu-Topper RM**

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

Radio button

Question No:17 **(Marks:1)** **Vu-Topper RM**

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

Menus

Question No:18 **(Marks:1)** **Vu-Topper RM**

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

"Computer literacy"

Question No:19 **(Marks:1)** **Vu-Topper RM**

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

The gulf of execution refers to _____

Question No:20 **(Marks:1)** **Vu-Topper RM**

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

WIMP

Question No:21 **(Marks:1)** **Vu-Topper RM**

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

Physical constraint

Question No:22 **(Marks:1)** **Vu-Topper RM**

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

Nokia 1110

Vu Topper RM

Question No:23 **(Marks:1)** **Vu-Topper RM**

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

Modeling, analysis

Question No:24 **(Marks:1)** **Vu-Topper RM**

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

a) Task

b) Core **ok**

c) Domain

d) Both a and c

Question No:25 **(Marks:1)** **Vu-Topper RM**

Which of the following requires less cognitive effort than others?

Listening

Question No:26 **(Marks:1)** **Vu-Topper RM**

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

Calendar

Question No:27 **(Marks:1)** **Vu-Topper RM**

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

Question No:28 **(Marks:1)** **Vu-Topper RM**

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

A. Efficiency

B. Efficiency and execution

C. Evaluation and efficiency

D. Execution and evaluation **ok**

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Question No:29 **(Marks:1)** **Vu-Topper RM**

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

Ethnographic

Question No:30 **(Marks:1)** **Vu-Topper RM**

Which of the following is not the component of color?

A. Hue
B. Prism ok
C. Intensity
D. Saturation

Question No:31 **(Marks:1)** **Vu-Topper RM**

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

A. Action
B. Execution
C. Efficiency
D. Evaluation Page 99 ok

Question No:32 **(Marks:1)** **Vu-Topper RM**

What do you procrastinate on? is type of _____.

Avoidance

Question No:33 **(Marks:1)** **Vu-Topper RM**

An interface will have zero to two _____ personas.

Secondary

Question No:34 **(Marks:1)** **Vu-Topper RM** A small picture that is used to represent a closed window is said to be a/an

A. Icon Page 131 ok
B. Menu
C. Tool bar
D. Status bar

Question No:35 **(Marks:1)** **Vu-Topper RM** 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

Vu Topper RM

Question No:36 **(Marks:1)** **Vu-Topper RM**
What do you see yourself doing say five years from now is an example of _____.
Attitude-oriented questions

Question No:37 **(Marks:1)** **Vu-Topper RM**
What are the most common things you do with the product is a type of _____.
System-oriented question

Question No:38 **(Marks:1)** **Vu-Topper RM**
Social science and usability texts are full of methods and techniques for conducting _____ research.
Qualitative

Question No:39 **(Marks:1)** **Vu-Topper RM**
Which of the following is a flaw in waterfall model?
requirements change over time

Question No:40 **(Marks:1)** **Vu-Topper RM**
Which of the FALSE statement?
HCI deals with the back-end development of interactive system.

Question No:41 **(Marks:1)** **Vu-Topper RM**
_____ 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 **Page 143**

Question No:42 **(Marks:1)** **Vu-Topper RM**
In an organization individuals may keep their own records, or there may be local gurus. This statement concerns with _____.
A. Organizational memory **Page 176** **ok**
B. Distributed co-ordination

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C. Paper work and computer work
D. Spatial and temporal organizations

Question No:43 **(Marks:1)** **Vu-Topper RM**
Memory model is also called _____ model.
Multi- Store

Question No:44 **(Marks:1)** **Vu-Topper RM**
Novatech survey was designed to know the relationship between _____ and _____.
computers , human beings

Question No:45 **(Marks:1)** **Vu-Topper RM**
If system image does not make design model clear and consistent, then user will have wrong _____.

A. User Model **ok**
B. Designer image
C. Conceptual model
D. Designer image and Conceptual model

Question No:46 **(Marks:1)** **Vu-Topper RM**
_____ 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

Question No:47 **(Marks:1)** **Vu-Topper RM**
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

Question No:48 **(Marks:1)** **Vu-Topper RM**
With in the display there is an isolated region to call upon a specific operation by the user is called _____.
Button

Question No:49 **(Marks:1)** **Vu-Topper RM**
_____ 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.

Vu Topper RM

Only B

Question No:50 **(Marks:1)** **Vu-Topper RM** During the _____ phase, usage and workflow patterns discovered through analysis of the field research and interviews are synthesized into domain and user models

A. Research
B. Modeling **Page 159** **ok**
C. Refinement
D. Framework definition

Question No:51 **(Marks:1)** **Vu-Topper RM**
The process of linking and manipulating multimedia representations at the interface is called _____.
Dyna-linking

Question No:52 **(Marks:1)** **Vu-Topper RM**
_____ have difficulties understanding and recognizing written words, making it hard for them to write grammatical sentences and spell correctly.
Dyslexics

Question No:53 **(Marks:1)** **Vu-Topper RM**
"Restricting the kind of user interaction that can take place at a given moment in time" is _____.

A. Mapping
B. Constraint **Page 106** **ok**
C. Affordance
D. Consistency

Question No:55 **(Marks:1)** **Vu-Topper RM**
During _____ phase, usage and workflow patterns discovered through _____(respectively)
Modeling, analysis

Question No:56 **(Marks:1)** **Vu-Topper RM**
_____ refers to the relationship between controls and their effects in world.
Mapping

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Question No:57 **(Marks:1)** **Vu-Topper RM**

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

Amazon

Question No:58 **(Marks:1)** **Vu-Topper RM**

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"

ok

Question No:59 **(Marks:1)** **Vu-Topper RM**

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

Can fly in air

Question No:60 **(Marks:1)** **Vu-Topper RM**

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 its owner.

Every computer can be saved from any type of physical attacks.

Every computer is attacked physically one in its life time.

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

Question No:61 **(Marks:1)** **Vu-Topper RM** The aim of an ethnographic study is to make the _____ design into _____design (respectively).

A. Explicit, implicit
B. Obvious, Explicit
C. Implicit, explicit Page 173 ok
D. Obvious, implicit

Question No:62 **(Marks:1)** **Vu-Topper RM**

Consistent interfaces refers to _____ for achieving similar tasks.

A) have similar operations
B) use similar elements
C) have different operations

A. Only A
B. Only B
C. Only C
D. Both A and B OK

Question No:63 **(Marks:1)** **Vu-Topper RM**

The term mental model was first developed in the early 1640s by _____

A. Kenneth Craik Page 93 ok

B. Johnson-Laird

C. Donald Norman

D. Lawrence Schiffman

Question No:64 **(Marks:1)** **Vu-Topper RM**

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

A. Tiled Page 130 ok

B. Neutral

C. Exposed

D. Obscured

Question No:65 **(Marks:1)** **Vu-Topper RM** What are the senses that currently do not play a significant role in HCI?

Both a and b

Taste and smell ok

Touch and Vision

Sight and Hearing

Question No:66 **(Marks:1)** **Vu-Topper RM**

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

A. FTP

B. HTTP

C. Telnet OK

D. EBCDIC

Question No:67 **(Marks:1)** **Vu-Topper RM**

The sensation can be excited by presenting a different, properly prepared, view to each eye. The pair of views is called a _____ a) Stereo pair

b) Stereogram

c) Both a and b

d) None of these

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Question No:68 **(Marks:1)** **Vu-Topper RM**

Which one is not an input control? a) Checkboxes

b) Tags

c) Buttons

d) Text fields

Question No:69 **(Marks:1)** **Vu-Topper RM**

Interpreting the perception means

a) Determine mapping from system state to interpretation

b) Determining mapping from intention to physical movement

c) Tell if system is in desired state

A. Only A **OK**

B. Only B

C. Only C

D. Both B and C

Question No:70 **(Marks:1)** **Vu-Topper RM**

"Human-Computer Interaction is a discipline concerned with the _____, evaluation and implementation of interactive computing systems for human use and with the study of major phenomena surrounding them", a) Methodologies

b) Architecture

c) Design

d) Procedure

Question No:71 **(Marks:1)** **Vu-Topper RM** Subject matter experts (SME) are

A. Beginners

B. Intermediate users

C. Expert users **ok**

D. The beginners in two or more related fields

Question No:72 **(Marks:1)** **Vu-Topper RM** Which one is not Navigation Components? a) Slider

b) Breadcrumb

c) Progress bar

d) Icons

Question No:73 **(Marks:1)** **Vu-Topper RM** Which one of the below listed mobile devices are considered as a smartphone? a) Samsung Note2

Vu Topper RM

b) Samsung s5
c) Apple iPhone
d) All of the given

Question No:74 **(Marks:1)** **Vu-Topper RM** An example of form fill interface is
a) A dialog box
b) Pop up means
c) Data entry form on some university web
d) All of the given

Question No:75 **(Marks:1)** **Vu-Topper RM**
The comparison of what happened in the world with what we wanted to happen is called
a) Efficiency
b) Execution
c) **Evaluation**
d) Action

Question No:76 **(Marks:1)** **Vu-Topper RM**
Requirement's specification involves
A. Capturing the functional requirements of the system architecture
B. Eliciting information about the work domain from the customer
C. Capturing the non-functional requirements of the system architecture
D. Translating the natural language of the work domain into an executable form
a) Only A
b) Only B
c) A and D
d) B and C

Question No:77 **(Marks:1)** **Vu-Topper RM**
What are the three types of reasoning?
a) Deductive, Productive and Inductive
b) Adductive, Inductive, and Deductive
c) Inductive, Adductive and Reproductive
d) Productive, Reproductive and Deductive

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Question No:78 **(Marks:1)** **Vu-Topper**

RM Within the display there is an isolated region to call upon a specific operation by the user is called _____. a) Pointers

b) Buttons

c) Both

d) None of the given

Question No:79 **(Marks:1)** **Vu-Topper**

RM Our ability to attend to one event from what amounts to a mass competing stimulus in the environment have been psychologically termed as

a) Focused attention

b) Divided attention

c) Voluntary attention

d) Involuntary attention

Question No:80 **(Marks:1)** **Vu-Topper**

RM The most frequent errors are _____, especially in well-learned behavior. a) Mistake

b) Slip

c) Lapse

d) Both a and b

Question No:81 **(Marks:1)** **Vu-Topper RM**

Over a short period of time, we find it easier to remember the string of numbers "404 849 6743" because _____.

a) Numbers are easier to remember than arbitrary characters.

b) The grouping of the numbers is significant

c) Ten numbers bis not that many to have to remember from working memory.

d) None of these

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

b) Framework definition

c) Modeling

d) Research

Question No:84 **(Marks:1)** **Vu-Topper RM**

Gulf of _____ is the different between the user's formulation of the actions to reach the goal and the actions allowed by the system **a) Execution**

b) Evaluation

c) Interaction

Vu Topper RM

d) Operation

Question No:85 **(Marks:1)** **Vu-Topper RM**

_____ Is a small area of the retina on which images are fixated? a) Blind spot

b) Cones

c) Fovea

d) Rodes

Question No:86 **(Marks:1)** **Vu-Topper RM**

Models are used in design to _____.

A. Generate the design

B. Evaluate the design

C. Generate and evaluate the design **Page 185 ok**

D. None of the given

Question No:87 **(Marks:1)** **Vu-Topper RM**

Which of the following best describes a stakeholder?

A. A person who uses an interactive computer system

B. A person who has invested time or money in developing an interactive computer system.

C. A person who receives output from or provides input to an interactive computer system.

D. A person who is affected by the success or failure of an interactive computer system

a) A and B **ok**

b) C and D

c) Only B

d) Only D

Question No:88 **(Marks:1)** **Vu-Topper RM**

Taking some real-world concept to perform different tasks that represent some idea, inside the computer is type of _____.

a) Direct Manipulation

b) Desktop Metaphors

c) Central processing unit

d) None of the given

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Question No:89 **(Marks:1)** **Vu-Topper RM**

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

A. Only B

B. Only C

C. A and B

D. C and D

Question No:90 **(Marks:1)** **Vu-Topper RM**

User and system has its own unique language,the language used by the system is called _____.

A. Task

B. Core Page 123 ok

C. Domain

D. Both b and c

Question No:91 **(Marks:1)** **Vu-Topper RM**

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

a) Goal-oriented question.

b) **System-oriented question.**

c) Workflow-oriented question.

d) Attitude-oriented question.

Question No:92 **(Marks:1)** **Vu-Topper RM**

_____ involves thinking, comparing, and decision-making. **a) Reflective cognition**

b) Experiential cognition

c) Information processing

d) None of these

Building things from user's perspective is called _____. a) Functionality

b) Usability

c) Portability

d) None of the given

Question No:94 **(Marks:1)** **Vu-Topper RM**

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

b) Amazon

Vu Topper RM

c) Calendar
d) Gallery

Question No:95 **(Marks:1)** **Vu-Topper RM**
The command-line interface is used because a) It is easy to understand
b) It is demanded by DOS
c) It is offered by Unix systems
d) It is powerful and flexible

Question No:96 **(Marks:1)** **Vu-Topper RM**
Listening require less _____ effort than reading or speaking.
a) Cognitive
b) Phycological
c) Grammatical
d) None of these

Question No:97 **(Marks:1)** **Vu-Topper RM**
Social science and usability texts are full of methods and techniques for conducting _____ research. a) Quantitative
b) Qualitative
c) SME
d) None of these

Question No:98 **(Marks:1)** **Vu-Topper RM**
The term mental model was first developed in the early 1640s by _____.
a) Kenneth Craik
b) Donald Norman
c) Johnson-Laird
d) None of the above

Question No:99 **(Marks:1)** **Vu-Topper RM**
Which of the following types of reasoning, derives the logically necessary conclusion from the given premises? **a) Deductive**
b) Inductive
c) Abductive
d) Distributive

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Question No:100 **(Marks:1)** **Vu-Topper RM**

_____involves restricting the possible functions that can be carried out by a novice to the basics and then extending these as the novice a) Master-apprentice

b) Initial training

c) Both A and B

d) Training Wheel

Question No:101 **(Marks:1)** **Vu-Topper RM**

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

a) Hyperlexia

b) Dyslexics

c) Both a and b

d) None of these

Question No:102 **(Marks:1)** **Vu-Topper RM**

Which of the following is used to toggle between two states? a) Check boxes

b) Radio buttons

c) Toolbars

d) Menus

Question No:103 **(Marks:1)** **Vu-Topper RM**

A qualitative research helps us to understand following except _____. a) Existing products and how they are used

b) The domain of the products to be designed

c) Statistical data analysis of the survey and observational data

d) Vocabulary and other social aspects of the domain

Question No:104 **(Marks:1)** **Vu-Topper RM**

On 7 June _____ the complainant, who is blind, complained to the Commission that he was unlawfully discriminated against by the respondent.

a) 1996

b) 1998

c) 1999 ok

d) 2000

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 _____.

a) Mistake

b) Slip

Vu Topper RM

c) Lapse
d) Both a and b

Question No:106 **(Marks:1)** **Vu-Topper RM**

____ represents the Early-phase of ethnographic interviews. a) Clarify user roles and behaviors.
b) Confirm patterns of use.
c) Clarify questions.
d) Focused on domain knowledge

Question No:107 **(Marks:1)** **Vu-Topper RM**

Visually impaired persons can interact with the outside world using their a) Sense of sight
b) Sense of hearing
c) Both sense of touch and sense of hearing ok
d) Sense of touch

Question No:108 **(Marks:1)** **Vu-Topper RM**

Which are the most significant senses for the average person when it comes to interacting with a computer? a) Sight and hearing
b) Hearing, touch and smell
c) Hearing and touch
d) Sight, hearing, and touch **Page 54 ok**

Question No:109 **(Marks:1)** **Vu-Topper RM**

The colors, which are directly opposite to each other are said to be
a) Complementary colors
b) Analogous colors
c) Primary colors
d) Secondary colors

Question No:110 **(Marks:1)** **Vu-Topper RM**

The ---------- software model is take a user-centered view and to minimize the risk caused by requirements changing during the development of the project.

A. Waterfall model
B. Spiral model

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C. Rapid application development (RAD) model **Page 151 ok**

D. Star lifecycle model

Question No:111 **(Marks:1)** **Vu-Topper RM**

Which of the following is software Lifecycle model, where result (s) must be evaluated at the completion of each activity?

a) Rapid Application Development (RAD) Lifecycle Model

b) Spiral Lifecycle Model

c) Star Lifecycle Model

d) Usability Engineering lifecycle Model

Question No:112 **(Marks:1)** **Vu-Topper RM**

Errors can be ____ that a user makes while attempting a task a) Unintended

b) Slips

c) Mistakes or omissions

d) All of the given option

Question No:113 **(Marks:1)** **Vu-Topper RM**

The way external disk can be placed into a disk drive is example of **a) Physical constraint**

b) Logical constraint

c) Semantic constraint

d) Cultural constraint

Question No:114 **(Marks:1)** **Vu-Topper RM**

The comfort and acceptability of use is called

Efficiency

Effectiveness

Question No:115 **(Marks:1)** **Vu-Topper RM**

The command-line interface is used because

It is easy to understand

It is powerful and flexible

Question No:116 **(Marks:1)** **Vu-Topper RM**

Which one is not an Input Controls? checkboxes

A. tags ok

B. buttons

C. text fields

D. checkboxes

Vu Topper RM

Question No:117 **(Marks:1)** **Vu-Topper RM**

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

Short-term memory has a limited capacity

Short-term memory has an unlimited capacity

118

Which of the following device can not be useful for a visually impaired person? a typical keyboard

a typical monitor

Question No:119 **(Marks:1)** **Vu-Topper RM**

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

Humans

Computers

Question No:120 **(Marks:1)** **Vu-Topper RM**

Question No:121 **(Marks:1)** **Vu-Topper RM**

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

Question No:122 **(Marks:1)** **Vu-Topper RM**

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

Question No:123 **(Marks:1)** **Vu-Topper RM**

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

Deductive

Inductive

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Question No:124 **(Marks:1)** **Vu-Topper RM**

HCI deals with

Design of interactive system only

Evaluation of an interactive system only

Implementation of an interactive system only

All of the given ✔

Question No:125 **(Marks:1)** **Vu-Topper RM**

Which one is not Navigational Components? slider

breadcrumb

progress bar ok

icons

Question No:126 **(Marks:1)** **Vu-Topper RM**

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

Samsung Note2

Samsung s5

Apple iPhone

All of the given

Question No:127 **(Marks:1)** **Vu-Topper RM**

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

Efficiency ok

Effectiveness

Satisfaction

Adaptability

Question No:128 **(Marks:1)** **Vu-Topper RM**

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

Skype

Calendar

Amazon

None

Question No:129 **(Marks:1)** **Vu-Topper RM**

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

Three-dimensional

WIMP

Vu-Topper RM

Question No:130 **(Marks:1)** **Vu-Topper RM**

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

131

___ 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

Question No:132 **(Marks:1)** **Vu-Topper RM**

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

Question No:134 **(Marks:1)** **Vu-Topper RM**

Which of the following is true regarding "Visibility"?

A. The more visible functions are, the more likely users will be able to know what to do Page 104 ok

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Vu Topper RM

B. The more visible functions are, the less likely users will be able to know what to do
C. Functions visibility and user knowning of what to do next, are not related to each other
D. both a and b

Question No:135 **(Marks:1)** **Vu-Topper RM**
Which of the following type of devices are related to give instructions to the computer?
A. Monitors
B. Hard disks
C. Input devices **ok**
D. Output devices

Question No:136 **(Marks:1)** **Vu-Topper RM**
Within the display there is an isolated region to call upon a specific operation by the user is called ___
Pointers
Buttons
Both
None

Question No:137 **(Marks:1)** **Vu-Topper RM**
Choice of operations and services are offered on the screen through ___ Pointers
Toolbars
Menus
None

Question No:138 **(Marks:1)** **Vu-Topper RM**
__ are unintentional while ___ occur through conscious deliberation.
Slips, mistakes
Errors, slips
Mistakes, errors
Mistakes, slips

Question No:139 **(Marks:1)** **Vu-Topper RM**
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

Vu Topper RM

None

Question No:140 **(Marks:1)** **Vu-Topper RM**

___ 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

Question No:141 **(Marks:1)** **Vu-Topper RM**

Interpretation inquiry, according to Beyer and Holtzblatt, is based on a masterapprentice model learning.

True

False

Question No:142 **(Marks:1)** **Vu-Topper RM**

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

Vu Topper RM

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Secondary
Served
Negative

Question No:143 **(Marks:1)** **Vu-Topper RM**
___ is a powerful, multipurpose design toll that helps overcome several problems that currently plague the development of digital products.
Scenario
Persona
Prototype
None

Question No:144 **(Marks:1)** **Vu-Topper RM**
The difference between the intentions and allowable actions is the:
Gulf of Execution
Gulf of Evaluation
Both
None

Question No:145 **(Marks:1)** **Vu-Topper RM**
Attention is the process of selecting things to concentrate on, at a point in time, from the range of: **Possibilities available**
Time Available
None

Question No:146 **(Marks:1)** **Vu-Topper RM**
The goals of HCI are:
Usability and User Experience
Learnability and Comfort
Tasks and Goals

Question No:147 **(Marks:1)** **Vu-Topper RM**
WYSIWYG stands for ___
Where you see is where you get
What you see is what you get
When you see it when you get

Question No:148 **(Marks:1)** **Vu-Topper RM**
___ is proportional to the amplitude of the sound.
Pitch

Vu Topper RM

Loudness
Timber
None

Question No:149 **(Marks:1)** **Vu-Topper RM**
Persona is not context specific, so it can be reused easily.
True
False

Question No:150 **(Marks:1)** **Vu-Topper RM**
___ are individual and isolated regions within display that can be selected by the user to invoke specific operations.
Buttons
Pointers
Menus
Windows

Question No:151 **(Marks:1)** **Vu-Topper RM**
User personas that are not primary or secondary are ___ personas.
Served
Negative
Customer
Supplemental

Question No:152 **(Marks:1)** **Vu-Topper RM**
Which of the following is the comparison of what happened in the world with what we wanted to happen?
Action
Evaluation
Execution
None

Question No:153 **(Marks:1)** **Vu-Topper RM**
The size and shape of a compact disk, is a type of ___ constraint.
Physical
Logical

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Cultural
None

Question No:154 **(Marks:1)** **Vu-Topper RM**
___ research can tell you about what, how, many and why in rich, multivariate detail.
Quantitative
Qualitative
SME
None

Question No:155 **(Marks:1)** **Vu-Topper RM**
Which of the following is not a secondary color?
Green
Orange
Purple
Blue ok
Page63

Question No:156 **(Marks:1)** **Vu-Topper RM**
Which of the following requires less cognitive effort than others?
Listening
Speaking
Hearing
None

Question No:157 **(Marks:1)** **Vu-Topper RM**
We are deficient in our development ___, not in our development __(respectively)
Process, Tools
Tools, Process
Tools, Methodology
None

Question No:158 **(Marks:1)** **Vu-Topper RM**
Which of the following is not true regarding "cones" ?
A type of receptor in eye
More sensitive to light

Question No:159 **(Marks:1)** **Vu-Topper RM**
Which of the following does not count as one of the advantages of computers?

Vu Topper RM

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

Question No:160 (Marks:1) Vu-Topper RM
The gulf of execution refers to ___
The user's difficulty in understanding the feedback from the system
The system's difficulty in processing 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

Question No:161 (Marks:1) Vu-Topper RM
Which of the following is not true?
Utility refers to the functioning of a system
Usability is concerned with making systems easy to use
Usability is concerned with adding complexity to the the system
Poorly designed computer system can be extremely annoying to users

Question No:162 (Marks:1) Vu-Topper RM
Which of the following is concerned primarily with understanding human behavior and the mental processes that underlie it?
Psychology ok
Sociology
Statistics
Computer Science

Question No:163 (Marks:1) Vu-Topper RM
Human beings interact with outside world, using their
input channels output channels sense of sight **All of the given**

Question No:164 (Marks:1) Vu-Topper RM
___ plays a role to bridge up the gap between the interfaces of machines and human understanding. **Human Computer Interaction**

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Software Engineering
Human Computer Interfaces
None

Question No:165 (Marks:1) Vu-Topper RM
___ is a very general goal of Usability and refers to how good a system at doing what it is supposed to do.
Effectiveness
Efficiency
Utility
Safety

Question No:166 (Marks:1) Vu-Topper RM
__ is what goes on in out heads when we carry out our everyday activities?
Cognition
Learnability
Memorability
None

Question No:167 (Marks:1) Vu-Topper RM
___ 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
Problem Solving
None

Question No:168 (Marks:1) Vu-Topper RM
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

Question No:169 (Marks:1) Vu-Topper RM
Using icons on the desktop to represent operations is a type of ___ constraint.
Physical
Logical
Cultural
None

Vu Topper RM

Question No:170 **(Marks:1)** **Vu-Topper RM**

___ 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

Question No:171 **(Marks:1)** **Vu-Topper RM**

___ minimizes errors.

Affordance **Visibility**

Constraints

None

Question No:172 **(Marks:1)** **Vu-Topper RM**

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:173 **(Marks:1)** **Vu-Topper RM**

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

Button

Pointer

Palette

Title bar

Question No:174 **(Marks:1)** **Vu-Topper RM**

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

Modeling, analysis

Analysis, modeling

Testing, modeling

Testing, analysis

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Question No:175 **(Marks:1)** **Vu-Topper RM**
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:177 **(Marks:1)** **Vu-Topper RM**
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:178 **(Marks:1)** **Vu-Topper RM**

Question No:179 **(Marks:1)** **Vu-Topper RM**
__ are GUIs that consists of electronic counterparts to physical objects in the real world to match the knowledge requirements of users.
User Interaction Models
Conceptual Models
Interface Metaphors
None

Question No:180 **(Marks:1)** **Vu-Topper RM**
___ language tends to be grammatical while ___ language is often Ungrammatical
Written, spoken
Spoken, written
Verbal, non-verbal
None

Question No:181 **(Marks:1)** **Vu-Topper RM**
Aspect gives us hints and tips about using and creating user interface idioms.
Strategic
Tactical
Efficient

Vu Topper RM

Reliable

Question No:182 **(Marks:1)** **Vu-Topper RM**
The usability engineering life-cycle was proposed by ___
Deborah Mayhew
Webster
Barry Boehm
Hartson

Question No:183 **(Marks:1)** **Vu-Topper RM**
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
Evaluation mode, testing mode
Analyze mode, feedback mode
Implementation mode, task mode

Question No:184 **(Marks:1)** **Vu-Topper RM**
Drive a vehicle while holding a conversation with a passenger is the example of ___
Focused Attention
Voluntary Attention
Involuntary attention
Divided Attention

Question No:185 **(Marks:1)** **Vu-Topper RM**
___ are dragged down from the title at the top of the screen.
Pull Down Menus
Main Menus
Icons
Buttons

Question No:186 **(Marks:1)** **Vu-Topper RM**
When you engaged in a conversation you are more attentive what the other person is saying. It is called?

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Focused Attention
Voluntary Attention
Involuntary Attention
Divided Attention

Question No:187 **(Marks:1)** **Vu-Topper RM**
Which of the following is/are the main component(s) of color?
Hue
Intensity
Saturation
All of given

Question No:188 **(Marks:1)** **Vu-Topper RM**
___ represent the user's expectations of the tangible outcomes of using a specific product. Non-user goals
End goals
Experience goals
Life goals

Question No:189 **(Marks:1)** **Vu-Topper RM**
Which of the following is proportional to the amplitude of the sound; the frequency remains constant?
Pitch
Loudness
Timber
None

Question No:190 **(Marks:1)** **Vu-Topper RM**
84. You can load a VCR tape the right way because of ___
Physical constraints
Logical constraints
Cultural constraints
None

Question No:191 **(Marks:1)** **Vu-Topper RM**
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

Vu Topper RM

None

Question No:192 **(Marks:1)** **Vu-Topper RM**

"Mistakes" and "Slips" are two forms of:

A. Goals

B. Errors **Page 100** **ok**

C. Evaluation

D. Objectives

Question No:193 **(Marks:1)** **Vu-Topper RM**

Ergonomics is also called ___

Assembly

Human Factors

Both

None

Question No:195 **(Marks:1)** **Vu-Topper RM**

You are given 4 cards displaying 4, E, 7 and K respectively, and you are told that if a card has a vowel on one side it has an even number on the other. Which cards would you have to turn over to heck whether this is the case?

E and 4

E and 7

E, 4, and 7

4, E, 7 and K

Question No:196 **(Marks:1)** **Vu-Topper RM**

What will be the gulf of execution if the user is able to formulate and perform the actions easily?

A. Smaller **ok**

B. Greater

C. Balanced

D. None

Question No:197 **(Marks:1)** **Vu-Topper RM**

Indirect manipulation

Direct manipulation

Both

None

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Question No:198 **(Marks:1)** **Vu-Topper RM**

Which interface system is based on the question/answer dialogue?

Command Line interfaces

Query interfaces

Menus

Natural Language interfaces

Question No:199 **(Marks:1)** **Vu-Topper RM**

Taking some real world concept to perform different tasks that represent some idea, inside the computer is type of ___

A. Direct manipulation **Page 125** **ok**

B. Desktop metaphors

C. Central processing unit

D. None of the given

Question No:200 **(Marks:1)** **Vu-Topper RM**

Example of form fill interface is ___

A dialog box

Pop up menus

Data entry form on some university web

All of given

Question No:201 **(Marks:1)** **Vu-Topper RM**

Building things from user's perspective is called ___

Functionality

Usability

Portability

None

Question No:202 **(Marks:1)** **Vu-Topper RM**

Form-filling interfaces are used for:

Data entry Page 128 ok

Data integration

Data manipulation

Data definition

Question No:203 **(Marks:1)** **Vu-Topper RM**

Formal methods are used to represent:

Architectural aspects of software systems only

Procedural aspects of software systems only

Vu Topper RM

Both architectural and procedural aspects of software systems

Question No:204 (Marks:1) Vu-Topper RM

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

Complementary colors

Analogous colors

Primary colors

Secondary colors

Question No:205 (Marks:1) Vu-Topper RM

Which of the following is not one of the goals of HCI?

To produce usable systems

To produce safe systems

To produce non-functional systems Page 31 ok

To improve effectiveness of the systems

Question No:206 (Marks:1) Vu-Topper RM

According to Juran, the fitness for purpose or use, is said to be

Usability

Efficiency

Reliability

Quality

Question No:207 (Marks:1) Vu-Topper RM

115. Which of the following is a long-term individual difference?

Age

Sex

Fatigue

Color

Question No:208 (Marks:1) Vu-Topper RM

As a software designer, which aspects guide you to think about the Way in which the user and the idiom interact?

Tactical

Manual

Technical

Strategic

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Question No:209 **(Marks:1)** **Vu-Topper RM**
What are the most common things you do with the product is a type of ___
Goal-oriented question
System-oriented question
Workflow-oriented question
Attitude-oriented question

Question No:210 **(Marks:1)** **Vu-Topper RM**
___ of the potential sales from a site are lost because people cannot find the item they are looking for
50%
40%
30%
10%

Question No:211 **(Marks:1)** **Vu-Topper RM**
Human eye is very sensitive to ___
Air
Smoke
Light
Sand

Question No:212 **(Marks:1)** **Vu-Topper RM**
Top of the web page contain the ___
Menu
Title bar
Home icon
Back button

Question No:213 **(Marks:1)** **Vu-Topper RM**
The star life cycle was proposed by ___
Deborah Mayhew
Webster
Barry Boehm
Hartson

Question No:214 **(Marks:1)** **Vu-Topper RM**
What do you enjoy most about your job (or lifestyle) is an example of ___
Avoidance
Motivation
Exceptions

Vu Topper RM

Attitude-oriented questions

Question No:215 **(Marks:1)** **Vu-Topper RM**

___ represents the early-phase of ethnographic interviews.

Clarify user roles and behaviors

Confirm patterns of use

Clarifying questions

Focused on domain knowledge

Question No:216 **(Marks:1)** **Vu-Topper RM**

There can only be one ___ persona per interface for a product.

Primary

Secondary

Supplemental

Customer

Question No:217 **(Marks:1)** **Vu-Topper RM**

___ personas address the needs of customers, not end users.

Served

Negative

Customer

Supplemental

Question No:218 **(Marks:1)** **Vu-Topper RM**

___ is a usability goal and refers to how easy a system is to remember how to use, once learned. Learnability

Memorability

Utility

None

Question No:219 **(Marks:1)** **Vu-Topper RM**

When you try to log to yahoo. You wrongly enter password in capital letter, due to which error message arise invalid username and password. Which of the following error message dialog will appear?

Alerts

Confirmation

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Feedback
Delete

Question No:220 **(Marks:1)** **Vu-Topper RM**
138. With the help of ___ Model, one can quantify (on the basis of Quantitative Measurement) the human performance in using computer based system
GOMS
Human processor model
Quantum model
Quality model

Question No:221 **(Marks:1)** **Vu-Topper RM**
Ethnography is a method that comes originally from anthropology and literally means
Writing the culture
Social issues
Ethical issues
Ethics

Question No:222 **(Marks:1)** **Vu-Topper RM**
Physical objects are said to have ___ affordance
Real
Perceived
Logical
Intuitive

Question No:223 **(Marks:1)** **Vu-Topper RM**
Which of these specialists is user centered?
HCI
Software engineer
Computing Technology
Web Designer

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?
& (ii) **Page 31**
(i), (ii) & (iv)

Vu Topper RM

& (iii)
& (iv)

"Over half of all working days lost to sickness in the UK are related to workplace stress."?mcm301
Fiona Dennis Page 26

Which button allows the user to change a setting between two states?
Toggle button

Red color appears more brilliant against a _____ background and somewhat duller against the white background.
Black Page65

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 Page 127

62% of web shoppers give up looking for the item they want to buy online.
Jared Spool
Jakob Nielsen
Zona Research Page 27 ok
Forrester Research

50% of the potential sales from a site are lost because people cannot find the item they are looking for
Forrester Research Page 27

40% of the users who do not return to a site do so because their first visit resulted in a negative experience
Forrester Research Page 27

80% of software lifecycle costs occur after the product is released, in the maintenance phase - of that work, 80 % is due to unmet or unforeseen user requirements; only 20 % is due to bugs or reliability problems.

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IEEE Software Page 27

_____ is mostly used for mail sorting and recording transcripts of proceeding in law courts.

A. Chord keyboards Page 112 ok
B. Dvorak keyboard
C. QWERTY Keyboard
D. Alphabetic keyboard

"The model people have of themselves, others, the environment, and the things with which they interact" is the definition of _____.

A. User Model
B. Mental model Page 93 ok
C. Designer Image
D. Conceptual Model

_____ is a suitable input type, if there is a large amount of data to be generated.

A. Text input
B. Speech input
C. Scanning input Page 109 ok
D. Touch pad input

Problem space theory was proposed by Newell and Simon in _____.

1970 Page 90

The ---------- approach to design is the assumption that product must balance business and engineering concerns with user's needs and goals.

Goal-Directed Page 157

Learned helplessness and taught helplessness are _____.

self-blame Page 96

Q3: _____ of a device is formed by interpreting perceived actions and visible structure.

A) Conceptual model

B) User Model

C) Designer image

D) Mental Model (Confirm) (100% Sure)

Vu Topper RM

Q4: The accuracy and completeness with which users achieve specified goals is called:
A) Efficiency

B) Effectiveness (page 31) (100% Sure)

C) Satisfaction

D) Adaptability

Q6: Novatech survey was designed to know the relationship between _____ and _____.
A) Computer, digital devices

B) Computers, animals

C) computers, environment

D) computers, human beings (page 24) (100% Sure)

Q7: During the _____ phase, usage and workflow patterns discovered through analysis of the field research and interviews are synthesized into domain and usage models.
A) Refinement

B) Framework definition

C) Modeling (page 159) (100% Sure)

D) Research

Q9: Taking some real concept to perform different tasks that represent some idea inside the computer is type of _____.
A) Direct Manipulation (page 36) (100% Sure)

B) Desktop Metaphors

C) Central Processing Unit

D) Indirect Manipulation

Q10: Which of the following is true about Short-Term memory?

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A) Short-term memory has a limited capacity (page 80) (100% Sure)

B) Short-term memory has an unlimited capacity

C) Short-term memory has no capacity

D) Short-term memory has large but limited capacity

Q11: Which of the following is a true statement?
A) Human-computer interface specialists are user-centered and software enginners are system-centered. (page 21) (100% Sure)

B) Human-computer interface specialists are system-centered and software enginners are user-centered.

C) Human-computer interface specialists and software enginners, both are system-centered.

D) Human-computer interface specialists and software enginners, both are user-centered.

Q12: Gulf of _____ is the differnce between the user's formulation of the actions to reach the goal and the actions allowed by the sytem.
A) Execution (page 122) (100% Sure)

B) Evaluation

C) Interaction

D) Operation

Q13: Which of the following is the statement given by "Novatech" as a result of a survey on the embarassing experiences of computers?
A) One in every four computers has been physically attacked by its owner (page 24) (100% Sure)

B) Every computer can be saved from any type of physical attacks

C) Every computer is attacked physically one in its life time.

D) One is every four computers has been attacked by some outside source.

Vu Topper PK

Q16: Problem solving, planning, reasoning and decision-making are all cognitive processes involving _____.
A) Reflective cognition (page 88) ok

B) Procedural cognition

C) Social cognition

D) Vision-Perception

Q17: The sensation can be excited by presenting a different, properly prepared, view to each eye. The pair of views is called a _____.
A) Stereopair

B) Stereogram

C) Stereotype

D) Both a and b (page 66) (100% Sure)

Q20: Which of the following is not the goal of usability?
A) Effectiveness

B) Efficiency

C) Satisfaction

D) Interoperability (page 31) ok

Q21: Which of the following is not one of the primary colors?
A) Red

B) Yellow

C) Blue

D) Green (page 62) (100% Sure)

Q22: Choice of operations and services are offered on the screen through _____.

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Vu Topper RM

A) Pointers

B) Toolbars

C) Menus (page 131) (100% Sure)

D) Icons

Q23: An interface will have zero to two _____ personas.
A) Primary

B) Secondary (page 196) (100% Sure)

C) Supplemental

D) Customer

Q24: During _____ phase, usage and workflow patterns discovered through _____ (respectively).
A) Modeling, analysis (page 159) (100% Sure)

B) Analysis, modeling

C) Testing, modeling

D) Testing, Analysis

Q25: The pinna and auditory canal combine serve to _____.
A) protects the sensitive middle ear

B) Prevents dust and dirt

C) tranmit the vibrations to the cochlea

D) amplify some sounds (page 70) (100% Sure)

Q26: If system image does not make design model clear and consistent, then user will have wrong _____.
A) Conceptual model

B) User model

C) Designer image

D) Mental Model (confirm) (100% Sure)

Q27: Which of the following requires less cognitive effort than others?

vu Topper PM

A) listening (page 87) (100% Sure)

B) speaking

C) reading

D) eating

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

A. Physical Constraint **Page 106** **ok**
B. Logical Constraint
C. Semantic Constraint
D. Cultural Contraint

Q30: The user's expectations of the tangible outcomes of using aspecific product are represented by:
A) end goals (page 192) (100% Sure)

B) technical goals

C) experience goals

D) life goals

Question # 1 of 30 (Start time: 04:48:29 PM, 28 December 2020)
Total Marks: 1
The process of linking and manipulating multimedia representations at the interface is called _____.
Select the correct option

Dyna-linking

Star Topology

Inter Linked

Training Wheel

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Question # 3 of 30 (Start time: 04:49:59 PM, 28 December 2020)
Total Marks: 1
_____ 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.
Select the correct option

Master-apprentice

Initial training

Inter Linked

Training Wheel

Question # 6 of 30 (Start time: 04:52:44 PM, 28 December 2020)
Total Marks: 1
_____ involves thinking, comparing, and decision-making.
Select the correct option

Reflective cognition

Experiential cognition

Information Processing

Information Retrieval

Question # 7 of 30 (Start time: 04:53:27 PM, 28 December 2020)
Total Marks: 1
The sensation can be excited by presenting a different, properly prepared, view to each eye. The pair of views is called a _____.
Select the correct option

a) stereopair

b) stereogram

c) stereotype

d) Both a and b

Question # 8 of 30 (Start time: 04:54:45 PM, 28 December 2020)
Total Marks: 1
Which of the following is not one of the primary colors?
Select the correct option

Red

Yellow

Blue

Green

Question # 9 of 30 (Start time: 04:55:30 PM, 28 December 2020)
Total Marks: 1
Novatech is a _____ company.
Select the correct option

German car tech manufacturer

British building manufacturer

British PC manufacturer

American agricultural product manufacturer

Question # 10 of 30 (Start time: 04:56:31 PM, 28 December 2020)
Total Marks: 1
_____ interact with outside world, using their input channels, output channels and sense of sight.
Select the correct option

Computers

Human beings ok

Environments

Distributed Systems

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Question # 13 of 30 (Start time: 05:00:06 PM, 28 December 2020)
Total Marks: 1

Which one is not an Informational Components?
Select the correct option

progress bar

message boxes

tooltips

toggles ok

An interface will have zero to two _____ personas.
Select the correct option

Primary

Secondary

Supplemental

Customer

The workflow models and organizational charts, fall under the following ethnographic framework.

A. **Distributed co-ordination**

B. **Plans and procedures ok**

C. **Awareness of work**

D. **Data-centric design**

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

A. WIMP Page 129 ok

B. Point and click
C. Two-dimensional
D. Three-dimensional

Red color appears more brilliant against a _____ background and somewhat duller against the white background.
Select the correct option

black

Blue

Orange

Green

Question # 22 of 30 (Start time: 05:11:01 PM, 28 December 2020)
Total Marks: 1
Learning can be considered in two terms as:
A) Procedural and Declarative **B) Cognitive and Reflective**
C) Distributive and Inductive
Select the correct option

Only A

Only B

Only C

Both A and B

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Question # 23 of 30 (Start time: 05:11:45 PM, 28 December 2020)
Total Marks: 1

An everyday example of a/an _____ act is being distracted from working when we can hear music or voices in the next room.
Select the correct option

Voluntary

Involuntary ok

Planing

Unplanned

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

Can fly in air

Multimedia support

GPS connection

_____ of a device is formed by interpreting perceived actions and visible structure.

A. Conceptual model
B. User Model
C. Designer image
D. Mental Model OK

_____ represent the user's expectations of the tangible outcomes of using a specific product.
Non-user goals
End goals
Experience goals
Life goals

Example(s) of erroneous mental model:
A) Lots of people pressing elevator (lift) button at least twice.

B) when the TV starts acting up: a typical response is to hit the top of the box repeatedly.
C) trying to throw the icon of the hard disk into the wastebasket, in the desktop metaphor.

A. Only A
B. Both A and B ok
C. Both C and A
D. Both B and C

Which option allow the user to select one or more options from a set?
Select the correct option

checkboxes

dropdown lists

radio buttons

toggles ok

Question # 30 of 30 (Start time: 05:21:06 PM, 28 December 2020)
Total Marks: 1
_____ are the most interesting and fascinating specie on planet.
Select the correct option

Computers

Human beings ok

Robots

Aeroplanes

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

- 1 and 2 y

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- **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**

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

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**

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

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

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

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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

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**
- Negative

31. ___ is a powerful, multipurpose design toll that helps overcome several problems that currently plague the development of digital products.

- Scenario
- **Persona**
- Prototype
- None

32. The difference between the intentions and allowable actions is the:

- **Gulf of Execution**
- Gulf of Evaluation
- Both
- None

33. Attention is the process of selecting things to concentrate on, at a point in time, from the range of:

- **Possibilities available**
- Time Available
- None

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34. The goals of HCI are:

- **Usability and User Experience**
- Learnability and Comfort
- Tasks and Goals

35. WYSIWYG stands for ___

- Where you see is where you get
- **What you see is what you get**
- When you see it when you get

36. ___ is proportional to the amplitude of the sound.

- Pitch
- **Loudness**
- Timber
- None

37. Persona is not context specific, so it can be reused easily.

- True
- **False**

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

- **Buttons**
- Pointers
- Menus
- Windows

39. User personas that are not primary or secondary are ___ personas.

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

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

- Action
- **Evaluation**
- Execution
- None

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

- **Physical**
- Logical
- Cultural
- None

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

- Quantitative
- **Qualitative**
- SME
- None

43. Which of the given statements correctly defines effectiveness in terms of one of the usability goals?

- **It is a very general goal and refers to how good a system at doing what it is suppose to do.**
- 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

45. Which of the following requires less cognitive effort than others?

- **Listening**
- Speaking
- Hearing
- None

46. We are deficient in our development ___, not in our development ___(respectively)

- **Process, Tools**
- Tools, Process
- Tools, Methodology
- None

47. Which of the following is not true regarding “cones” ?

- A type of receptor in eye
- **More sensitive to light**
- Different types of cones are sensitive to different wavelengths of the light

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- Eye has approximately 6 million cones

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

- Computers are enabling new discoveries
- Leading to efficiencies
- Making our life convenient
- **Depending so much on computers may give fatal results**

49. The gulf of execution refers to ___

- The user's difficulty in understanding the feedback from the system
- The system's difficulty in processing 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

50. Which of the following is not true?

- Utility refers to the functioning of a system
- Usability is concerned with making systems easy to use
- **Usability is concerned with adding complexity to the the system**
- Poorly designed computer system can be extremely annoying to users

51. Which of the following is not one of the primary colors?

- Red
- Yellow
- Blue
- **Green**

52. Which of the following is concerned primarily with understanding human behavior and the mental processes that underlie it?

- **Psychology**
- Sociology
- Statistics
- Computer Science

53. Human beings interact with outside world, using their

- input channels
- output channels
- sense of sight
- **All of the given**

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

- Visibility
- Affordance

- **Mapping**
- None

55. ___ plays a role to bridge up the gap between the interfaces of machines and human understanding.

- **Human Computer Interaction**
- Software Engineering
- Human Computer Interfaces
- None

56. ___ is a very general goal of Usability and refers to how good a system at doing what it is supposed to do.

- **Effectiveness**
- Efficiency
- Utility
- Safety

57. ___ is what goes on in out heads when we carry out our everyday activities?

- **Cognition**
- Learnability
- Memorability
- None

58. ___ 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**
- Problem Solving
- None

59. ___ research helps us understand the domain, context and constraints of a product in different, more useful ways than ___ research do.

- **Qualitative, Quantitative**
- Quantitative, Qualitative
- Qualitative, Deductive
- None

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60. 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

61. Using icons on the desktop to represent operations is a type of ___ constraint.

- Physical
- Logical
- **Cultural**
- None

62. ___ 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

63. ___ minimizes errors.

- Affordance
- **Visibility**
- Constraints
- None

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

- **Primary**
- Secondary
- Supplement
- Negative

65. A ___ is usually a collection of icons those are reminiscent of the purpose of the various modes.

- Button
- Pointer
- **Palette**
- Title bar

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

- **Modeling, analysis**
- Analysis, modeling
- Testing, modeling
- Testing, analysis

67. Waterfall model is basically a ___ model in which each step must be completed before the next step can be started:

- Incremental
- **Linear**
- Iterative
- Analytical

69. 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

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

- **Efficiency**
- Effectiveness
- Utility
- None

72. ___ are GUIs that consists of electronic counterparts to physical objects in the real world to match the knowledge requirements of users.

- User Interaction Models
- Conceptual Models
- **Interface Metaphors**
- None

73. ___ language tends to be grammatical while ___ language is often Ungrammatical

- **Written, spoken**

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- Spoken, written
- Verbal, non-verbal
- None

74. Aspect gives us hints and tips about using and creating user interface idioms.

- Strategic
- **Tactical**
- Efficient
- Reliable

75. The usability engineering life-cycle was proposed by ___

- **Deborah Mayhew**
- Webster
- Barry Boehm
- Hartson

76. GOMS stands for:

- **Goals, operation, methods, and selection rules ok**
- Goals, objects, models and selection rules
- Goals, operations, methods, and state rules
- Goals, operations, models and state rules

77. 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**
- Evaluation mode, testing mode
- Analyze mode, feedback mode
- Implementation mode, task mode

78. Drive a vehicle while holding a conversation with a passenger is the example of ___

- Focused Attention
- Voluntary Attention
- Involuntary attention
- **Divided Attention**

79. ___ are dragged down from the title at the top of the screen.

- **Pull Down Menus**
- Main Menus
- Icons
- Buttons

80. When you engaged in a conversation you are more attentive what the other person is saying. It is called?

- **Focused Attention**
- Voluntary Attention
- Involuntary Attention
- Divided Attention

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

- Hue
- Intensity
- Saturation

- **All of given**

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

- Non-user goals

- **End goals**
- Experience goals
- Life goals

83. Which of the following is proportional to the amplitude of the sound; the frequency remains constant?

- Pitch

- **Loudness**
- Timber
- None

84. You can load a VCR tape the right way because of ___

- **Physical constraints**
- Logical constraints
- Cultural constraints
- None

85. 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

87. Ergonomics is also called ___

- Assembly

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- **Human Factors**
- Both
- None

89. You are given 4 cards displaying 4, E, 7 and K respectively, and you are told that if a card has a vowel on one side it has an even number on the other. Which cards would you have to turn over to heck whether this is the case?

- E and 4
- E and 7
- **E, 4, and 7**
- 4, E, 7 and K

91. Certain factors that help us to interact with graphical based systems is ___

- Indirect manipulation
- **Direct manipulation**
- Both
- None

92.Which interface system is based on the question/answer dialogue?

- Command Line interfaces
- **Query interfaces**
- Menus
- Natural Language interfaces

94. Example of form fill interface is ___

- A dialog box
- Pop up menus
- **Data entry form on some university web**
- All of given

95. Building things from user's perspective is called ___

- Functionality
- **Usability**
- Portability
- None

97. Formal methods are used to represent:

- Architectural aspects of software systems only
- Procedural aspects of software systems only
- **Both architectural and procedural aspects of software systems**
- None

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

- **Complementary colors**
- Analogous colors
- Primary colors

- Secondary colors

100. According to Juran, the fitness for purpose or use, is said to be

- Usability
- Efficiency
- Reliability
- **Quality**

101. Which of the given statements correctly defines efficiency in terms of one of the usability goals?

- It is a very general goal and refers to how good a system at doing what it is suppose to do.
- **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

103. Which of the following is/are goal(s) of usability?

- Effectiveness
- Efficiency
- Safety
- **All of given**

104. What are the three types of reasoning?

- Deductive, Productive and Inductive
- Abdicative, Inductive and Deductive
- **Inductive, Abdicative, and Reproductive**
- Productive, Reproductive and Deductive

105. Totality of characteristics of an entity that bear on its ability to satisfy stated and implied needs are called ___

- **Quality**
- Effectiveness
- Standard
- Quantity

107. The human aye has approximately ___ rods and ___ cones per eye.

- **120 million, 6 million**
- 190 million, 3 billion
- 150 billion, 6 million
- None

108. Which of the following is a true statement?

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- **Human-computer interface specialists are user-centered and software engineers are system centered**
- Human-computer interface specialists are system-centered and software engineers are user-centered
- Human-computer interface specialists and software engineers, both are system-centered
- Human-computer interface specialists and software engineers, both are user-centered

109. Which of the following is flaw in waterfall model?

- **requirements change over time**
- maintenance cannot be possible at the end
- testing should be done before requirements gathering
- All of given

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

- check boxes
- **Radio buttons**
- Toolbars
- Menus

Which of the following is a text entry device?

A. Mouse
B. Monitor
C. Keyboard ok
D. Touch pad

114. If you are taking lecture and suddenly you hear music or voices from the other room. It is called?

- Focused attention
- Divided attention
- Voluntary attention
- **Involuntary attention**

115. Which of the following is a long-term individual difference?

- Age
- **Sex**
- Fatigue
- Color

116. As a software designer, which aspects guide you to think about the Way in which the user and the idiom interact?

- Tactical
- Manual
- Technical
- **Strategic**

117. Adeel renders financial services in “ABC” bank. He specialized in his field. What he is called as from the following?

- Society of manufacturing engineer (SME)
- Subject matter expert (SME)
- **Small and medium enterprise (SME)**
- Subject master engineering (SME)

118. Scenario content and context are derived from information gathered during ___ phae and analyzed during the ___ phase (respectively)

- modeling, implementation
- modeling, research
- research, implementation
- **research, modeling**

119. Which of the following is least likely to be revealed by a paper prototype?

- Your users don’t know the term algorithm
- **Toolbar buttons are too small to press**
- The help menu isn’t in the right place
- Radio buttons are too small

120. Requirements specification involves:
A. Capturing the functional requirements of the system architecture
B. Eliciting information about Work domain from the customer

- Only A
- **Only B**
- Both A and B
- None

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

- Goal-oriented question
- **System-oriented question**
- Workflow-oriented question
- Attitude-oriented question

122. What do you procrastinate on? is type of ___

- Priorities
- **Avoidance**
- Exceptions
- Preference

123. ___ cognitive process involves encoding and recalling knowledge and acting appropriately.

- Attention
- Reduction
- **Memory**

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- Encoding

124. Transactional sites that are used for a significant part of an employee's job should be considered full ___ applications.

- **Sovereign**
- Transient
- Temporary
- None

125. Alia is used to describe design problem/solution by ___ that is an imagined or projected sequences of events, especially any of several detailed plans or possibilities.

- **Persona**
- Scenario
- Flowchart
- Brainstorming

126. Around 63% of software projects exceed their cost estimates. The top four reasons for this are:
A-Frequent requests for change from users
B-Overlooked tasks
C-User's lack of understanding of their own requirements
D-Insufficient user-analyst communication and understanding

- Only A
- Only B
- Only D

- **A, B, C, & D**

127. ___ of the potential sales from a site are lost because people cannot find the item they are looking for

- **50%**
- 40%
- 30%
- 10%

128. Human eye is very sensitive to ___

- Air
- Smoke

- **Light**
- Sand

129. Top of the web page contain the ___

- Menu

- **Title bar**
- Home icon
- Back button

130. The star life cycle was proposed by ___

- Deborah Mayhew
- Webster
- Barry Boehm

- **Hartson**

131. What do you enjoy most about your job (or lifestyle) is an example of ___

- Avoidance
- **Motivation**
- Exceptions
- Attitude-oriented questions

132. ___ represents the early-phase of ethnographic interviews.

- Clarify user roles and behaviors
- Confirm patterns of use
- Clarifying questions
- **Focused on domain knowledge**

133. There can only be one ___ persona per interface for a product.

- **Primary**
- Secondary
- Supplemental
- Customer

134. ___ personas address the needs of customers, not end users.

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

135. ___ is a usability goal and refers to how easy a system is to remember how to use, once learned.

- Learnability
- **Memorability**
- Utility
- None

136. Ali is working on a document called CV in MS word now wishes to make a copy of it on disk so he can make some changes to the original, Which of the following process will help?

- Redo
- **Archiving**
- Undo
- Milestoning

137. When you try to log to yahoo. You wrongly enter password in capital letter, due to which error message arise invalid username and password. Which of the following error message dialog will appear?

- **Alerts**
- Confirmation
- Feedback

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- Delete

138. With the help of ___ Model, one can quantify (on the basis of Quantitative Measurement) the human performance in using computer based system

- **GOMS**
- Human processor model
- Quantum model
- Quality model

139. Ethnography is a method that comes originally from anthropology and literally means

- **Writing the culture**
- Social issues
- Ethical issues
- Ethics

140. Physical objects are said to have ___ affordance

- **Real**
- Perceived
- Logical
- Intuitive

141. Which of these specialists is user centered?

- **HCI**
- Software engineer
- Computing Technology
- Web Designer

_____ reasoning derives the logically necessary conclusion from the given premises.

A. Inductive
B. Abductive
C. Deductive **Page 89** **ok**
D. Distributive

In which of the following Qualitative research technique, you will need to understand:

•Their goals in purchasing the product
•Their frustrations with current solutions

A. Stakeholder interviews
B. User and customer interviews **Page 170** **ok**
C. Product/prototype and competitive audits

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