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

- Smaller
- Greater
- Balanced
- None of the Given

Certain factors that help us to interact with graphical based systems is________
- Indirect manipulation
- **Direct manipulation**
- Both
- None of the given

Which interface system is based on the question/answer dialogue?
- Command Line Interfaces
- **Query interfaces**
- Menus
- Natural Language Interfaces

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

Taking some real world concept to perform different tasks that represent some idea, inside the computer is type of________
- Direct Manipulation
- Desktop metaphors
- Central processing unit
- None of the given

Example of form fill interface is________
- A dialog box
- Pop up menus
- **Data entry form on some university web**
- All of the given

Building things from user’s perspective is called __________
Functionality
Usability
Portability
None of the given

A small picture that is used to represent a closed window is said to be a/an
Menu
Toolbar
status bar
icon

Form-filling interfaces are used for
data entry
data integration
data manipulation
data definition

User and system has its own unique language, the language used by the user is called_______
Task
Core
Both
None of the give options

This is not a characteristic of usability test

The primary goal is to improve usability
The participants do not represent real users
Observe and record what participants do and say

_________ is an early release of a product to a few users.
Surveys
Beta test
Focus

_________ has a goal of assessing whether the product works according to its specifications.
Trunk Test
Quality assurance

_________ is a usability test in which a member of the test team sits in the room with the participant
and actively probes the participant's understanding of whatever is being tested.
Co discovery
Active intervention
Trunk test
In usability test, which is a technique from given below options, in which you have two participants work together to perform the tasks.
Active Intervention
Co-Discovery
Trunk test

__________ is needed to check that users can use the product and like it.
Coding
Evaluation
Guideline

What site is this”, Statement represents___________.
Folder
Site ID
Scroll bar

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

The ____________ phase sets the stage for the core of the design effort
Requirement definition
Modeling
Implementation
None of the given

Evaluations done during design to check that product continues to meet users’ needs are known as ______________ evaluation.
Formative
Summative
Relative
None of the given

________ frequency your primary personas access the site,__________ transient a stance the site needs to take (respectively).
More, Less
Less, More
Less, Less
None the given

In DECIDE frame work ______________ comes just after choosing the evaluation paradigm and techniques.
Deciding about ethical issues
Exploring the questions
Identifying the practical issues
None of the given

__________ capture the non-verbal dialogue between artifact and user over time.
Persona
Scenario
Dialogue
Design Model

__________ patterns can be applied at the conceptual level.
Postural
Structural
Behavioral
Mnemonic

Which of the following I least likely to be revealed by a paper prototype?

Your user don’t know the term algorithm
Toolbar button are too small to press
The help menu isn’t in the right place.
None of the given

Information sites with daily-updated information will naturally attract _______ users more than a monthly-updated site.
Repeat
Infrequent
Nonuser
None of the given

There can only be one ________ persona per interface for a product
Primary
Secondary
Supplemental
Customer

Overviews serve a similar purpose to _________ in an interface.
Navigation
Excise
Signposts
None of the given

We are deficient in our development ________, not in our development ________ (respectively).
Select correct option:
Process, Tools
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
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?
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)

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 of the given

The colors, which are directly opposite to each other are said to be complementary colors
analogous colors
primary colors
secondary colors
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.

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

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**
- To improve effectiveness of the systems

Human beings interact with outside world, using their
- input channels
- output channels
- sense of sight
- **All of the given**

Which of the following is/are the main component(s) of color?
Select correct option:
- Hue
- Intensity
- Saturation
- **All of the given**

Which of the following is not one of the primary colors?
Select correct option:
- Red
- Green
- Yellow
- **Green**

Which of the following is concerned primarily with understanding human behavior and the mental processes that underlie it?
Select correct option:
- Psychology
- Sociology
- Statistics
- Computer Science
Which are the most significant senses for the average person when it comes to interacting with a computer?
Select correct option:
Sight and hearing
Hearing, touch and smell
Hearing and touch

**Sight, hearing and touch**

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

**quality**

Which of the given statements correctly defines efficiency 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.
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**

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

The colors, which are directly opposite to each other are said to be
Select correct option:
**complementary colors**
analogous colors
primary colors
secondary colors

We are deficient in our development ____________, not in our development ____________ (respectively).
Select correct option:
**Process, Tools**
Tools, Process
Tools, Methodology
None of these

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

Which of the following is considered as the most complex species?
Select correct option:
Humans
Computers
Animals
Birds

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

According to Juran, the fitness for purpose or use, is said to be
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Which of the following does not count as one of the advantages of computers?
Select correct option:
Computers are enabling new discoveries
Leading to efficiencies
Making our life convenient
Depending so much on computers may give fatal results

Which of the following is/are goal(s) of usability?
Select correct option:
Effectiveness
Efficiency
Safety
All of the given
Which of the following is/are the main component(s) of color?
Select correct option:
Hue
Intensity
Saturation
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Which of the following is true about Short-Term memory?
Select correct option:
Short-term memory has a limited capacity.
Short-term memory has an unlimited capacity.
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Short-term memory has large but limited capacity.

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

GOMS stands for
Select correct option:
goals, operations, methods and selection rules
goals, objects, models and selection rules
goals, operations, methods and state role
goals, orientation, models and state role

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

Drive a vehicle while holding a conversation with a passenger is the example of ________ .
Focused Attention
Voluntary Attention
Involuntary attention
**Divided Attention**

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

The Usability Engineering lifecycle was proposed by ________.
- Deborah Mayhew
- Websterfg
- Barry Boehm
- Hartson

XYZ Ltd is well reputed software house; they make a significant investment in building ______________ that encourages greater customer loyalty.
- Visual Symbols
- Grouping
- **Brand Equity**
- Harmony

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
- Evaluation mode, testing mode
- Analyze mode, feedback mode
- Implementation mode, task mode

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**

_________ refers to the way a system supports users in carrying out their tasks.
  - Efficiency
Effectiveness
Utility
__________ 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**

__________ language tends to be grammatical while _________ language is often Ungrammatical.
**Written, spoken**
Spoken, written
None of the given choices

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

Which of the following requires less cognitive effort than others?
Select correct option:
**listening**
speaking
hearing
None of the given

What are the three types of reasoning?
Select correct option:
**Deductive, Productive and Inductive**
Adductive, Inductive and Deductive
Inductive, Adductive and Reproductive
Productive, Reproductive and Deductive

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**
Usability is concerned with making systems easy to use
Poorly designed computer system can be extremely annoying to users

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.**
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 a secondary color?
Select correct option:
Green
Orange
Purple
Blue

1 What will be the gulf of execution if the user is able to formulate and perform the actions easily;
   Smaller
   Greater
   Balanced
   None of the Given

2 Certain factors that help us to interact with graphical based systems is_______
   Indirect manipulation
   Direct manipulation
   Both
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3 Which interface system is based on the question/answer dialogue?
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4 Currently many common environments for interactive computing are examples of the ______ interface style, often simply called windowing systems.
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   WIMP
   Point and click
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5 Taking some real world concept to perform different tasks that represent some idea, inside the computer is type of_______
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6 Example of form fill interface is_______
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Data entry form on some university web
All of the given

7 Building things from user’s perspective is called _________
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   Usability
   Portability
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   status bar
   icon

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   data integration
   data manipulation
   data definition

10 User and system has its own unique language, the language used by the user is called_______
   Task
   Core
   Both
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11 This is not a characteristic of usability test
   The primary goal is to improve usability
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   Observe and record what participants do and say

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   Beta test
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   Trunk Test
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14 __________ is a usability test in which a member of the test team sits in the room with the 
participant and actively probes the participant's understanding of whatever is being tested. 
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**Active intervention** 
Trunk test 

15 In usability test, which is a technique from given below options, in which you have two 
participants work together to perform the tasks. 
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16 __________ is needed to check that users can use the product and like it. 
Coding 
**Evaluation** 
Guideline 

17 What site is this”, Statement represents__________. 
Folder 
**Site ID** 
Scroll bar 

18 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 

19 The ____________ phase sets the stage for the core of the design effort 
**Requirement definition** 
Modeling 
Implementation 
None of the given 

20 Evaluations done during design to check that product continues to meet uses’ needs are 
known as ____________ evaluation. 
**Formative** 
Summative 
Relative 
None of the given 

21 __________ frequent your primary personas access the site,___________ transient a stance 
the site needs to take (respectively). 
More, Less
Less, More
Less, Less
None the given

22 In DECIDE frame work ______________comes just after choosing the evaluation paradigm and techniques.

Deciding about ethical issues
Exploring the questions
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23 ___________capture the non-verbal dialogue between artifact and user over time.
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Scenario
Dialogue
Design Model

24 ___________patterns can be applied at the conceptual level.
Postural
Structural
Behavioral
Mnemonic

25 Which of the following I least likely to be revealed by a paper prototype?
Your user don’t know the term algorithm
Toolbar button are too small to press
The help menu isn’t in the right place.
None of the given

26 Information sites with daily-updated information will naturally attract _______ users more than a monthly-updated site.
Repeat
Infrequent
Nonuser
None of the given

27 There can only be one _________ persona per interface for a product
Primary
Secondary
Supplemental
Customer

28 Overviews serve a similar purpose to ___________ in an interface.
Navigation
Excise
Signposts
None of the given

29 We are deficient in our development ________, not in our development ________ (respectively).
Select correct option:
Process, Tools
Tools, Process
Tools, Methodology
None of these

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

31 Which of the following does not count as one of the advantages of computers?
Select correct option:
Computers are enabling new discoveries
Leading to efficiencies
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32 The gulf of execution refers to ________________ .
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The user’s difficulty in understanding the feedback from the system
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33 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)
34 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 of the given

35 The colors, which are directly opposite to each other are said to be
complementary colors
analogous colors
primary colors
secondary colors

36 Which of the following is true about Short-Term memory?
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a typical monitor
a typical speaker
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To produce usable systems
To produce safe systems
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To improve effectiveness of the systems

39 Human beings interact with outside world, using their
input channels
output channels
sense of sight
All of the given

40 Which of the following is/are the main component(s) of color?
Select correct option:
Hue
Intensity
Saturation
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41 Which of the following is not one of the primary colors?
Select correct option:
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42 Which of the following is concerned primarily with understanding human behavior and the mental processes that underlie it?
Select correct option:
Psychology
Sociology
Statistics
Computer Science

43 Which are the most significant senses for the average person when it comes to interacting with a computer?
Select correct option:
Sight and hearing
Hearing, touch and smell
Hearing and touch
Sight, hearing and touch

44 According to Juran, the fitness for purpose or use, is said to be usability
efficiency
reliability
quality

45 Which of the given statements correctly defines efficiency in terms of one of the usability goals?
Select correct option:
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46 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.
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Ten numbers is not that many to have to remember from working memory.
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Select correct option:
Process, Tools
Tools, Process
Tools, Methodology
None of these

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Computers are enabling new discoveries
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Computers
Animals
Birds

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Select correct option:
Effectiveness
Efficiency
Safety
All of the given

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Select correct option:
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output channels
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Select correct option:
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goals, objects, models and selection rules
goals, operations, methods and state role
goals, orientation, models and state role

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Focused Attention
Voluntary Attention
Involuntary attention
Divided Attention

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Voluntary Attention
Involuntary attention
Divided Attention

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Transient
Information
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64 The Usability Engineering lifecycle was proposed by _________.
Deborah Mayhew
Websterfg
Barry Boehm
Hartson

65 XYZ Ltd is well reputed software house; they make a significant investment in building ------ ----------- that encourages greater customer loyalty.
Visual Symbols
Grouping
Brand Equity
Harmony

66 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?
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**Analytic mode, synthetic mode**
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Modeling, Research
Research, Implementation

**Research, Modeling**

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Efficiency
Effectiveness
Utility

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User Interaction Models
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**Interface Metaphors**

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None of the given choices

72 Aspect gives us hints and tips about using and creating user interface idioms.
Strategic
Tactical

None of the given choices