

JNTU ONLINE EXAMINATIONS – HUMAN COMPUTER INTERFACE [HCI]

1. People and Computers work together are satisfied in the most effective way is _____ :->Human-Computer Interaction
2. The modified screens completes the transactions in _____ percent less time and with _____ percent fewer errors than those who used the original screens. :->25, 25
3. Human-Computer interaction is the _____, _____ and _____ of the people and Computers work Together, :->Study, Planning, design
4. In user interface design still remain largely unexplored output's are :->Human senses of smell and touch
5. _____ Extra seconds in screen usage time adds an additional 14 person-years :->20
6. User Interface design is a subset of a field of study called _____ :->HCI
7. Technical-Characteristics and limitations of Computer _____ and _____ must also be considered in Human Computer interaction :->Software, Hardware
8. The _____ is the part of a computer and its Software that people can understand :->User interface
9. What are the two essentially components need in user interface :->Input, Output
10. Developers have been producing almost _____ screens for similar applications and functions for many years :->Identical
11. MIT proposal a global network of computers in 1962 and moved to the _____ to Lead the development work :->DARPA
12. In 1989 Tim. Berners-Lee proposed a new protocol for distributing information, the Language created in conjunction with protocol was _____ :->HTML
13. In Human to Human interface the lowest and most common level of Communication modes are _____ and _____ to deal with one another :->Movements and gestures
14. In terms of universality and complexity the higher level of communication mode is _____ :->Spoken language
15. The first commercial version of ARPANET was :->Telnet
16. The third and highest level of complexity is _____ :->Written language
17. First few decades, a computer's ability to deal with human communication was _____ Related to what was easy for people to do. :->Inversely

18. In 1969 the Internet, then known as ARPANET was brought on line, connecting the computers at ____ major universities :->Four
19. _____ was supported by providing clear and meaning full field captions and by Listing commands on the screen :->User memory
20. The advent of _____ yielded another milestone in the evolution screen design :->graphics
21. Who was introduced the mouse & Pointers & selecting as the primary human- computer communication method :->Altus &star
22. Design & Deut begins as network called :->ARPANET
23. Who was provided an alternative to the type writer? :->Xerox Palo Alto Research Center
24. In which year ARPANET brought on line :->1969
25. Who were proposed global network of computers :->JCR Weklider
26. In which year MIT introduced graphics with sketchpad program :->1963
27. In which year Delphi was released :->1992
28. In which year hyper text concept was presented by Veneer Bush :->1945
29. In which year the term internet is joined :->1982
30. In which year ARPANET begin :->1962
31. Write one of the direct manipulation characteristic :->Continuous visibility of objects and actions
32. One problem in direct manipulation is :->no direct analogy
33. In graphical interface, the user interacts with is a collection of elements referred to as _____ :->objects
34. Objects are always visible to the user ,user can perform operations on objects called _____ :->Actions
35. In graphical interface in some cases text could be replaced by graphical images called _____ :->Icons
36. In graphical interface, All objects have _____ resulting behaviors :->standard
37. Screen navigation and commands are executed through _____ and _____ :->Menu bars, Pull-down
38. What way the information transfers between computers sand people in graphics Presentation :->Faster

39. Like direct manipulation, the _____ text editors possessed similar Characteristics :->Full- Screen
40. _____ Substitutes words and text, such as pull-down or pop-up menus, for symbols and substitutes typing for pointing :->Indirect-manipulation
41. One of the advantages of graphical system is :->Symbol recognized faster than text
42. In graphical systems, which can be clearly produced using today's Technology is still limited :->number of symbols
43. The results of actions furthering user goals can be seen immediately means :->Immediate feed back
44. Predictable system responses is also :->Speed learning
45. One of the disadvantage of graphical system is :->Human comprehension limitations
46. The graphical systems interface to _____ the memory requirements imposed on the user :->Reduce
47. Research has also found that a graphical pictorial representation aids learning is :->faster
48. In graphical systems the window handling and manipulation times are still _____ & _____ :->Excessive, repetitive
49. IBM'S SAACUA Advanced interface breaks objects into three meaningful classes: Are :->data, container, device
50. The object-action approach permits people to _____ the visibility of the operating system :->equalizes
51. In web user interface, proper interface design is :->Properly balancing the structure and other linked documents
52. User control has had some decided disadvantages for some web site owners is :->Slow download times
53. Web interface design is essentially the design of navigation and presentation of _____ :->Information
54. Web interface design is difficult, one of the reason is :->HTML was limited objects
55. The number of internet hosts has risen dramatically. In 1984 hosts online exceeded to :->10, 000
56. When the expansion of the World Wide Web has been truly amazed :->1990
57. The web is a _____ environment where people move between pages of Information :->navigation

58. Web interface design is _____ :->Difficult
59. GUI s eliminated the absolute necessity for a _____ field, providing menus related to the task and the current contextual situation :->command
60. In 1990, the numbers of internet hosts are :->3, 00, 000
61. Which design system is about well defined applications and data, about transactions and processes :->GUI
62. Which design system is will give users conceptual space is infinite and generally unorganized :->web page
63. In GUI design, the difference in screen area between a laptop and a high-end Work station is a factor of _____ :->6
64. In web page design, the difference in screen area between a laptop and a high-end work station may be as high as _____ :->100
65. A primary goal of most GUI application is the seamless _____ of all pieces :->Integration
66. A web interface possesses a number of characteristics, same similar to a _____ Interface :->GUI
67. Which characteristics specifies an integral part of most GUI systems application this is accessed through standard mechanisms such as the F1 key and Help menus. :->user assistance
68. Which characteristic is not an issue for most PC users for home applications? :->Security
69. Which Characteristics is established and controlled in proportion to the degree of willingness of an organization to invest resources and effort in GUI systems. :->Reliability
70. Compared to the web page, response time in GUI system is :->Stable
71. The interface should serve as :->connector & separator
72. Through which of the following the efficiency of UI can be improved :->Anticipate users wants & needs when ever possible
73. Which of the following is not a design goal in user interface design? :->Scalability
74. Which of the following is true? :->The amount of information in intranet site is greater than the amount in Internet
75. Xerox STAR is :->Mono chromatic
76. The amount about the organization can be known more by :->Intranet users

77. Web pages can be accessed from outside of an organization by :->Extranet
78. The fundamental principle in interface design is :->User compatibility
79. Which of the following permit the user to focus on task without concern for the mechanics of the interface? :->Transparency
80. Which of the following is not a way to provide simplicity in the UI DESIGN? :->Enhancing a sense of control
81. In which step behavioral design goals are reviewed? :->Understand the business function
82. Which of the following is pit falls? :->No usability testing
83. A gap is technical abilities, goals, and attitudes exists between _ _ _ _ _ :->User and developer
84. Prototyping and testing applied to product because :->Identify problems
85. The system and software can be _ _ _ _ _ :->Constructed and developed
86. Prototyping and testing is performed _ _ _ _ _ :->Continuously during all stages
87. Testing will be done _ _ _ _ _ :->Before the product release
88. The user involvement should be based on the _ _ _ _ _ :->Job or task knowledge
89. Why the modify and iterate the design is necessary? :->To improve performance
90. Which of the following system components are integrated? :->Elements of a graphical system / website
91. The usability assessment contains the following :->Users experience components
92. Page readability is diminished by poor developer choices is _ _ _ _ _ :->Colors & graphics
93. Usability can be described as? :->Used by humans easily and effectively
94. Which of the following is the common usability problem? :->complex linkage between and within applications
95. Visual cluster is a _ _ _ _ _ :->lack of "white spacer"
96. The usability assessment should begin in the _ _ _ _ _ stages of the product development cycle. :->Easily
97. Usability is nothing but :->Common sense
98. The screen with a mouse to locate _ _ _ _ _ :->objects

99. Which of the following are Annoying Distractions? :->Objects meaning constantly
100. The size and depth of many web sites can lead to a _____ :->Lost in space
101. Information fragmentation can require :->Accelerate user disorientation
102. Which of the following are objective measures of usability? :->Flexible & Attitudes
103. Which of the following is important value of a website is its :->Currentness
104. Clear and Concrete goals Provides :->Satisfactory Product
105. Goals are foundation for the _____ :->The system test plan
106. Measures of Usability depends on :->Effective
107. The level of establishing goals will depend on the _____ :->Users capability
108. To provide a balanced design team it requires the following specialists :->Development & Training
109. Team members must have the following qualifications :->Communication & Technical Skills
110. Flexible interface is :->Allow variations in tasks
111. Road blocks that prevent a task being completed lead to _____ :->Annoyance
112. Over abundance of annoyances can cause _____ :->Frustration
113. Which of the following is not a trouble with computers that is faced by people :->Use of binary systems
114. Which of the following is not done by the designer to create a truly usable System? :->Identify the users environmental characteristics
115. Which of the following is not a response to poor design :->Understand
116. The same action may have different names. This results in _____ :->Design inconsistency
117. The system is rejected due to its poor performance, This is known as ----- :->Abandonment of the system
118. The designer can't really believe that any user is incapable of _____ :->Using the system
119. Psychological responses & physical responses to poor design are :->Psychological responses lead to physical responses
120. Additional actions are performed in _____ to compensate for system Inadequacies :->Compensatory activity

121. Which of the following is not a characteristic of perception? :->Visual acuity
122. The area can't be clearly resolved because of limitations in visual acuity in :->peripheral vision
123. The need for mighty memory should be :->Minimized
124. The capacity of the eye to resolve details is called _____ :->Visual acuity
125. _____ is an internal representation of a persons understanding :->mental model
126. Understanding of the elements through physical sensation of senses is known as _____ :->Perception
127. Environment, surrounding are dealt in _____ :->Content
128. _____ is the buffer where the automatic processing of information collected from our senses takes place :->Sensory storage
129. Individual differences _____ design :->complicate
130. The time to acquire a target is a function of distance to and size of the target. This law is known as :->Fit's law
131. In business systems, Experts have been found to :->View practice as an aid to moving up to expert status
132. Cognitive style of users deals with _____ :->The way they think about Problems
133. Web links should not be :->monochrome
134. Which of the following is not a physical characteristic? :->Patience
135. There is myth that developers always _____ everything users want & need :->know
136. Which of the following is not a human consideration in designing? :->Physical strength
137. Age comes under which of the following considerations? :->Physical
138. Disabilities, system performance are :->Indirectly proportional
139. Which of the following doesn't come under user experience? :->Patience
140. As age of user increases the sound level in the system must :->Increase
141. Novice users are not :->Frequent
142. Preferences in design is not influenced by :->lifestyle
143. Experts and novices are types of :->Users

144. Which type of users pay more attention to low level details :->Novices
145. In human interaction speed speaking deals with :->Speed of user speaking with computer
146. Which of the following is not a Consideration in job considerations? :->Task Experience
147. Cognitive style can't be :->Neutral
148. In human interaction speed which of the following is not considered? :->Task Experience
149. Understanding of users do not consider _____ :->User strength
150. Reading is not effected by _____ :->length of the text
151. Verbal discussion is conducted in :->User interface prototyping
152. Trade show consists of :->Customer woke up
153. The objective of task analysis phase is to understand :->Need for a system
154. _____ is not a direct method in requirement analysis :->Paper survey
155. Face to face interview can't uncover :->Testing requirements
156. Conceptual model of system is developed in :->Task analysis
157. Product description is developed using :->Input from users or marketing
158. Electronic survey is conduct in :->Indirect method
159. Requirements collection must provide :->Different developer uses links & most reliance links
160. Requirement and user activities are described through :->Task analysis
161. Things that can be touched are placed in :->Concrete objects
162. People who are the subject of sentences are treated as :->Users
163. Conceptual model consists of :->Objects
164. _____ is an internal representation of person's conceptualization :->Mental model
165. Conceptual modes must reflect _____ mental model :->User's
166. Understanding users mental model & Conceptual model the basic steps in :->Task analysis
167. Design standards is valuable to developers because they :->Simply design
168. _____ is a concept where one's body of knowledge is used to understand something else. :->Metaphor

169. Problem can be handled with :->training
170. System training will not be based on :->Developer needs
171. _____ Action is not done by the users with screens :->Reducing the clutter of the screen
172. Web screens distractions include :->Extensive visual clutter
173. What screen users do not want? :->Cramped
174. Clarity is influenced by :->Consistency
175. A well designed screen does not reflect _____ of its users :->Utilization
176. The screen ordering can't be done based on :->Color
177. Interface design goal is not to :->Reduce clutter- free screen
178. The element of interest on the screen is :->signal
179. The best interface make everything on screen :->Obvious
180. _____ is not a visual pleasing quality :->Scalability
181. Aesthetically pleasing proportion can't be :->Square root of five
182. Balance doesn't deal with :->Symmetry
183. Regularity is achieved by :->Establishing consistently spaced screen elements.
184. Optimizing the number of elements on screen within limits of clarity is known as :->Simplicity
185. The screen navigation should be :->Top to bottom, left to right
186. Replacing elements left and right of the screen center line is called _____ :->Symmetry
187. The opposite of predictability is :->Spontaneity
188. Highly conventional order or plan of screen is known as :->Predictability
189. Unity can be provided using :->Similar shapes
190. Grouping provide functional grouping of _____ :->Associated elements
191. Which of the following screen with grouping indicated by bold boxes? :->Original screen
192. Which of the following is the principle of functional grouping :->Use visual organization to create functional groupings
193. Grouping can be done by using _____ :->White space, border background

194. Which of the following technique is used to provide the emphasis? :->Blinking
195. What is meant by distinguishableness? :->Legibility
196. What is meant by typography? :->Name of a type
197. Why we are using the display / Read only screens? :->To display the results of an inquiry request
198. How the data can be arranged? :->Align into columns
199. What are types of statistical graphics? :->Curves & line graphs

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