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JNTU ONLINE EXAMINATIONS – HUMAN COMPUTER INTERFACE [HCI]

1. People and Computers work together are satisfied in the most effective way is ____ :->**Human- Computer Interaction** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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 :->**JCRWeklider**
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, Pulldown**
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** © jntuk.strikingsoon.com
41. One of the advantages of graphical system is :->**Symbol recognized faster than text**
42. In graphical systems, which can be clearly produced using todays 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**

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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** © jntuk.strikingsoon.com
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 theWorldWideWeb 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-endWork 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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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**

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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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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**

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162. People who are the subject of sentences are treated as :->**Users**
163. Conceptual model consists of :->**Objects** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
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** © jntuk.strikingsoon.com
199. What are types of statistical graphics? :->**Curves & line graphs**

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