

Question 1: Consider the vertical scroll bar of a web browser or word processor. For each of Norman's five principles below, give one way that the scrollbar uses the principle for effective design.

Describe the interface model of the scroll bar in one sentence.

Answer:

1. Affordance
2. Constraints
3. Mapping
4. Visibility
5. Feedback

Question 2: Define following in context of resizing button given at the right bottom corner of any Windows:

1. Natural Mapping
2. Feedback

Question 3: Define following in relation to Ethnographic Interviews.

1. Early Phase
2. Mid Phase

Question 4: Discuss the model problems of multiple undo.

Question 5: Define struct with the proper example

Question 6: Differentiate between the Dynamic Type binding and Static type binding?

Question 7: What does the phrase 'Readers create Meaning' mean?

Answer:

Instead of receiving the message, people interact with the message to create meaning. While reading, we build larger structures of knowledge from small fragments of sentences. These structures are not the words we have just read but our own creation (Page 4)

Question 8: What do you know about 'Adjustment Requests'?

Question 9: What do you know about Hardware Functional Specifications?

Answer:

Hardware functional specifications as a rule contain the following:

1. o Functional description
2. o Configuration specification
3. o Electrical description
4. o Physical characteristics
5. o Standards
6. o Environmental requirements
7. o Diagnostic requirements
8. o Power requirements
9. o Cost target
10. o Maintenance cost target