

MIDTERM EXAMINATION
Fall 2008
CS408- Human Computer Interaction (Session - 2)

Time: 60 min
Marks: 38

Question No: 1 (Marks: 1) - Please choose one

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 of these

Question No: 2 (Marks: 1) - Please choose one

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

- ▶ Three-dimensional
- ▶ WIMP
- ▶ Point and click
- ▶ None of these

Question No: 3 (Marks: 1) - Please choose one

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

- ▶ Physical
- ▶ Logical
- ▶ Cultural
- ▶ None of these

- ▶ Constraints
- ▶ None of these

Question No: 6 (Marks: 1) - Please choose one

Which of

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

- ▶ Pitch
- ▶ Loudness
- ▶ Timber
- ▶ None of these

Question No: 7 (Marks: 1) - Please choose one

_____ plays a role to bridge up the gape between the interfaces of machines and human understanding.

- ▶ Human
- ▶ Computer
- ▶ Human Computer Interaction
- ▶ None of these

Question No: 8 (Marks: 1) - Please choose one

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: 9 (Marks: 1) - Please choose one

A

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

- ▶ Primary
- ▶ Secondary
- ▶ Served
- ▶ Negative

Question No: 11 (Marks: 1) - Please choose one

_____ phase, usage and workflow patterns discovered through _____. During

- ▶ Modeling, analysis
- ▶ Analysis, modeling
- ▶ Testing, modeling
- ▶ Testing, Analysis

Question No: 12 (Marks: 1) - Please choose one

Usability Engineering lifecycle was proposed by _____. The

- ▶ Deborah Mayhew
- ▶ Webster
- ▶ Barry Boehm.
- ▶ Hartson.

Question No: 13 (Marks: 1) - Please choose one

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

- ▶ Incremental

- ▶ Generate and evaluate the design
- ▶ None of the given

Question No: 15 (Marks: 1) - Please choose one

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

What is a

Question No: 16 (Marks: 1) - Please choose one

are the most significant senses for the average person when it comes to interacting with a computer?

Which

- ▶ Sight and hearing
- ▶ Hearing, touch and smell
- ▶ Hearing and touch
- ▶ Sight, hearing and touch

Question No: 17 (Marks: 1)

Define

Attention. [1]

Question No: 18 (Marks: 1)

Define

Recognition. [1]

Question No: 19 (Marks: 2)

What is

the difference between Tertiary and Analogous colors? [2]

Question No: 22 (Marks: 10)

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.

[2*5]

- **Affordance:**
- **Constraints:**
- **Mapping:**
- **Visibility:**
- **Feedback:**