Assignment 1

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

Due on 2019-03-13, 23:59 IST.

10 Myths of Multimodal Interaction

Read the Paper "Ten Myths of Multimodal Interaction" by Sharon Oviatt
Link to the paper: https://tubcloud.tu-berlin.de/s/miCKQazcJoqeffR

Put-that-there scenario
Watch the video: https://www.youtube.com/watch?v=sC5Zg0fU2e8

CARE properties in the put-that-there scenario

1) Watch again the scene from 1:35 to 1:40 in the put-that-there video (moving of the yellow ship). Which of the care properties applies to this scene?

- Assignment
- Complementarity
- Redundancy
- Equivalence

No, the answer is incorrect.
Score: 0
Accepted Answers: Complementarity

2) Oviatt shows in the discussion of Myth #4 that speech is not always the primary input mode in any multimodal system including it. Is this conclusion supported by the put-that-there scenario?

- Yes
- No

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3) Select the sensory channel(s) that is used for touch:
- Haptic channel
- Visual channel
- Auditory channel
- Vestibular channels

No, the answer is incorrect.
Score: 0
Accepted Answers:
Haptic channel

4) Which media is used for the visual channel?
- Air
- Light

No, the answer is incorrect.
Score: 0
Accepted Answers:
Light

5) Where does the frequency-to-place transformation takes place in human hearing?
- outer ear
- inner ear
- brain
- eardrum

No, the answer is incorrect.
Score: 0
Accepted Answers:
inner ear

6) Which statement is correct for the human hearing threshold?
- It decreases with age
- It is independent from age
- It increases with age

No, the answer is incorrect.
Score: 0
Accepted Answers:
It increases with age

7) Which statement is true for the glottis?
- It forms the phonemes
- It is the filter in the source-filter theory
- It is the smallest phonetic unit of speech
- It determines the fundamental frequency

No, the answer is incorrect.
Score: 0
Accepted Answers:
It determines the fundamental frequency
8) A – diotic, B – monotic, C – dichotic
    A – dichotic, B – diotic, C – monotic
    A – monotic, B – diotic, C – dichotic
    A – diotic, B – dichotic, C – monotic

No, the answer is incorrect.
Score: 0
Accepted Answers:
A – monotic, B – diotic, C – dichotic

9) Select the correct statement about cones and rods.

- Cones are mostly concentrated *outside* the fovea, while rods are mostly *in* the fovea
- Cones are mostly concentrated *in* the fovea, while rods are mostly *outside* the fovea
- Both, cones and rods are mostly *outside* the fovea
- Both, cones and rods are mostly *in* the fovea

No, the answer is incorrect.
Score: 0
Accepted Answers:
Cones are mostly concentrated *in* the fovea, while rods are mostly *outside* the fovea

10) How many million Ganglion cells are in the human retina. Enter the correct value using one decimal place.

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type: Range) 1.4 - 1.8

11) In which cases is the excitation state of an ON-center Ganglion cell *inhibition*?

- Completely dark
- Center in light, outer area dark
- Outer area light, center dark
- Completely in light

No, the answer is incorrect.
Score: 0
Accepted Answers:
Completely dark
Outer area light, center dark