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Unit 7 - Week 2: Human Multimodal Interactions (non verbal signs)

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Course outline

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Week 1 : Hearing and Speech

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Week 2: Multimodal Perception

Week 2: Human Multimodal Interactions (non verbal signs)

- Introduction 1
- Introduction 2
- Gesture to Space
- Turn Taking
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Assignment 2

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.**

Read the article about the Vestibular System: https://en.wikipedia.org/wiki/Vestibular_system

1) Which statement of the vestibular system are true? 1 point

- It is used for spatial orientation
- It amplifies the acoustic signal
- It is part of the eyes
- It consists of parallel channels

No, the answer is incorrect. Score: 0

Accepted Answers: *It is used for spatial orientation*

2) Enter the number of channels (in one ear) in the vestibular system

No, the answer is incorrect. Score: 0

Accepted Answers: *(Type: Numeric) 3*

1 point

3) Select the correct frequency sensitivity of a Pacinian receptor 1 point

- 0.3-3 Hz
- 3-40 Hz

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4) Select the correct frequency sensitivity of a Merkel receptor **1 point**

0.3-3 Hz
 3-40 Hz
 10-500 Hz
 15-400 Hz

No, the answer is incorrect.
Score: 0

Accepted Answers:
0.3-3 Hz

5) Which of the following limbs and organs is presented by a rather large area on the somatosensory cortex? **1 point**

Elbow
 Hand
 Lips
 Eyes

No, the answer is incorrect.
Score: 0

Accepted Answers:
Hand
Lips

6) The central executive is located in which memory of the Baddeley and Hitch model? **1 point**

Long term memory
 Short term memory
 Working memory
 Episodic buffer

No, the answer is incorrect.
Score: 0

Accepted Answers:
Working memory

7) Watch the video with a demonstration of the McGurk effect: **1 point**
<https://tubcloud.tu-berlin.de/s/ooMGCn9BXNGsAg2>

Select the option which is the correct ending of the following sentence

The McGurk shows that the resulting multimodal perception of a listener is ...

a mix of both information provided
 independent from both information provided
 independent from the involved senses

No, the answer is incorrect.
Score: 0

Accepted Answers:
a mix of both information provided

8) Assign the following discrepancies/effects to one of the following theories, as their observed effect would support a theory: **1 point**

Effects:

- A) McGurk
- B) audio-visual effect on counting
- C) Ventriloquist
- D) audio-visual location after Alais & Burr (2004)

Theories:

- 1. Visual dominance
- 2. Modality Appropriateness
- 3. Optimal Integration

- A-2, B-2, C-1, D-3
- A-3, B-1, C-3, D-2
- A-3, B-2, C-1, D-3
- A-2, B-3, C-2, D-2

No, the answer is incorrect.

Score: 0

Accepted Answers:

A-3, B-2, C-1, D-3

9) Wicken's model on shared resources can be used to predict total interference between two time-shared tasks. Which of the following statements about this computational model is correct? **1 point**

- It concerns absolute processing times
- It concerns relative processing times
- It does not concern processing times

No, the answer is incorrect.

Score: 0

Accepted Answers:

It concerns relative processing times

10) Factual information, self-revealing information, relationship and appeal are aspects in the model of Schulz v. Thun. Select option which is described by these aspects **1 point**

- A modality
- The CARE properties
- A message
- A conversation

No, the answer is incorrect.

Score: 0

Accepted Answers:

A message

11) The Adopters gesture class means? **1 point**

- cultural dependent explicit gestures
- Illustrators
- Completion of language
- Playing with something

No, the answer is incorrect.

Score: 0

Accepted Answers:

Playing with something

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