Unit 6 - Week 4

Assignment 4

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

Disorder results when the brain's attentional networks are disrupted for only one of the two hemispheres, as a result of damage to the brain. Most typically, hare stroke.

1 point

No, the answer is incorrect.

Accepted Answers:

- Unilateral Spatial Neglect

2 Which of the following is true?

- Neglect and Stabber syndrome patients include severe disturbances in perception.
- Patients of spatial neglect show neglect for only objects present in the visual world but not while recalling them from memory.
- The more severe effects of spatial neglect show up when the damage is towards the right hemisphere.
- All of the above

1 point

No, the answer is incorrect.

Accepted Answers:

- Neglect and Stabber syndrome patients include severe disturbances in perception.
- The more severe effects of spatial neglect show up when the damage is towards the right hemisphere.

3 ______ refers to bottom-up stimulus driven orientation of attention.

1 point

No, the answer is incorrect.

Accepted Answers:

- Selective attention

4 When we use orient our attention towards stimuli without actually orienting our heads towards them is known as ________.

1 point

No, the answer is incorrect.

Accepted Answers:

- Orient attention

5 Which of the following is false?

- The spatial attention has the earliest effect on stimulus processing.
- The spatial attention operates in the same manner at early V1 area and at the later V4 area of the visual cortex.
- The researchers found that spatial attention enhances the responses of the simple cells but did not affect the spatial or temporal organization of their receptive fields.
- The selective attention influences the firing rate of V4 neurons.

1 point

No, the answer is incorrect.

Accepted Answers:

- The spatial attention operates in the same manner at early V1 area and at the later V4 area of the visual cortex.

6 ________ involves distractions (or groups of distractions) that may differ from each other but exhibit at least one common feature with the target.

1 point

No, the answer is incorrect.

Accepted Answers:

- Conjunction search

7 Which of the following is true?

- A dorsal attention system that is mainly concerned with spatial attention.
- A ventral attention system that is mainly responsible for the non-spatial aspects of attention.
- The frontal eye field (FEF) has no influence on the visual cortex.
- Damage to the parietal cortex is related to disorders of attention, such as neglect.

1 point

No, the answer is incorrect.

Accepted Answers:

- A dorsal attention system that is mainly concerned with spatial attention.

8 Input from the frontal eye field (FEF) helps generate ________

1 point

No, the answer is incorrect.

Accepted Answers:

- Orientive saccades