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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Introduction To Cognitive Psychology (course)



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Course outline

About NPTEL
()

How does an
NPTEL online
course work?
()

Week 0:
Prerequisite ()

Week 01:
History and
Research
Methods of
Cognitive
Psychology ()

Week 02:
Object
Perception
and
Recognition ()

☐ Lec 1 :
Perception: Basic
Principles (unit?
unit=24&lesson=
25)

Assignment 2

The due date for submitting this assignment has passed.

Due on 2024-02-07, 23:59 IST.

Assignment submitted on 2024-02-06, 22:24 IST

All questions are compulsory.

Marks [1x10= 10]

1) Which of the following represents a good example of a proximal stimulus?

1 point

- ☐ a book on a shelf
- ☐ a tree in your yard
- ☐ a building on the horizon
- ☒ the retinal image formed by a tree

Yes, the answer is correct.

Score: 1

Accepted Answers:

the retinal image formed by a tree

2) Subjective contours are thought to:

1 point

- ☒ be the result of simplifying a complex display.
- ☐ occur only with the perceiver's awareness of the process.
- ☐ require no active participation on the perceiver's part.
- ☐ require both awareness and active participation.

Yes, the answer is correct.

Score: 1

Accepted Answers:

be the result of simplifying a complex display.

3) A stencil provides a good analogy for the theory of:

1 point

- ☐ prototype matching.

☐ Lec 2 : Models of Perception-01 (unit? unit=24&lesson=26)

☐ Lec 3 : Models of Perception-02 (unit? unit=24&lesson=27)

☒ Text Notes (unit? unit=24&lesson=28)

☐ Week 02:Feedback form (unit? unit=24&lesson=29)

☒ Quiz:
Assignment 2 (assessment? name=114)

Week 03: Attentional Processes and Cognition ()

Week 04: Memory Introduction ()

Week 05: Long Term Memory ()

Week 06: Memory of General Knowledge ()

Week 07: Concept Formation ()

Week 08: Visual and Spatial Memory ()

Week 09: Human Language Skills ()

- ☒ template matching.
- ☐ good continuation.
- ☐ featural analysis.

Yes, the answer is correct.

Score: 1

Accepted Answers:

template matching.

4) When we use knowledge of objects to aid in our perception of them, we are using _____. **1 point**

- ☐ the “where” pathway
- ☐ bottom-up processing
- ☒ top-down processing
- ☐ sensations

Yes, the answer is correct.

Score: 1

Accepted Answers:

top-down processing

5) You come home, and your house is a mess. The garbage is spilled all over the kitchen, there are rolls of toilet paper strewn about, and all of your decorative trinkets are broken on the floor, but nothing is missing. Your dog and cat are sitting calmly in the middle of the mess. According to the principle of Pragnanz, what would you assume caused the mess? **1 point**

- ☐ an earthquake
- ☐ a robber
- ☒ your cat and dog
- ☐ your neighbor’s child

Yes, the answer is correct.

Score: 1

Accepted Answers:

your cat and dog

6) When making a decision, we are likely to weigh all of the possible choices we could make. This is most similar to the concept of _____ in perception. **1 point**

- ☒ top-down processing
- ☐ closure
- ☐ proximity
- ☐ affordances

No, the answer is incorrect.

Score: 0

Accepted Answers:

affordances

7) _____ are to visual perception what phonemes are to language, according to Biederman. **1 point**

- ☐ Receptors
- ☐ Retinas
- ☐ Distal stimuli
- ☒ Geons

Yes, the answer is correct.

**Week 10:
Thought
Process and
Problem
Solving ()**

**Week 11:
Reasoning ()**

**Week 12:
Decision
Making ()**

**Live Sessions
()**

Score: 1

Accepted Answers:

Geons

8) In David Marr's model of vision, which stage of the process incorporates primarily bottom-up **1 point** knowledge?

- ☒ the primal sketch
- ☐ the 2 ½ D sketch
- ☐ the 3-D sketch
- ☐ both the primal sketch and the 2 ½ D sketch

No, the answer is incorrect.

Score: 0

Accepted Answers:

both the primal sketch and the 2 ½ D sketch

9) Which of the following explains the phenomenon of reversible images the best

1 point

- ☒ figure-ground organization.
- ☐ size constancy.
- ☐ dimensionality.
- ☐ retinal imagery.

Yes, the answer is correct.

Score: 1

Accepted Answers:

figure-ground organization.

10) The meaningful interpretation of a proximal stimulus is called the:

1 point

- ☒ percept.
- ☐ sensation.
- ☐ distal stimulus.
- ☐ illusion.

Yes, the answer is correct.

Score: 1

Accepted Answers:

percept.