

# Unit 4 - Week 02: Object Perception and Recognition

## Course outline

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**

Lec 2 : Models of Perception-01

**Lec 3 : Models of Perception-02**

**Quiz : Assessment 02**

Text Notes

Feedback form

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

Week 10: Thought Process and Problem Solving

Week 11: Reasoning

Week 12: Decision Making

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## Assessment 02

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

**Due on 2020-02-12, 23:59 IST.**

All Questions are Compulsory  
Marks [ 1 x 10 ]

1) We see the figure below as a set a columns rather than rows because of the Gestalt principle of

0 points

- proximity
- similarity
- closure
- common fate

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*proximity*

2) A process of perception, beginning with small bits of information gathered from the environment and put together in various ways to form a percept, would be described as

1 point

- bottom-up processing
- top-down processing
- theory-driven processing
- template matching

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*bottom-up processing*

3) A friend is walking towards you and as he comes closer him retinal image gets bigger and bigger. You however don't see your friend growing in size. This is an example of

1 point

- pattern recognition
- bottom-up processing
- size constancy
- figure-ground organization

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*size constancy*

4) We see the figure below as a set of rows rather than columns because of the Gestalt principle of

0 points

- proximity
- similarity
- closure
- common fate

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*similarity*

5) 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

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*the retinal image formed by a tree*

6) The meaningful interpretation of a proximal stimulus is called the

1 point

- percept
- sensation
- distal stimulus
- retinal image

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*percept*

7) The segregation of a whole display into objects and background is known as

1 point

- size constancy
- retinal imagery
- bottom-up processing
- figure-ground organization

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*figure-ground organization*

8) All Gestalt principles follow the law of

1 point

- closure
- good continuation
- Prägnanz
- common fate

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Prägnanz*

9) \_\_\_\_\_ are to visual perception what phonemes are to language, according to Biederman

1 point

- Receptors
- Retinas
- Distal stimuli
- Geons

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Geons*

10) Gibson's theory of direct perception is in direct opposition to the \_\_\_\_\_ approach to perception

1 point

- connectionist
- constructivist
- bottom-up
- Gestalt

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*constructivist*