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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 ( )

- ☐ Practice:  
Assignment 0  
(assessment?  
name=112)

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

### Week 02: Object Perception and Recognition ( )

# Assignment 7

The due date for submitting this assignment has passed.

Due on 2024-03-13, 23:59 IST.

## Assignment submitted on 2024-03-06, 02:10 IST

All questions are compulsory.

Marks [1x10= 10]

1) According to the \_\_\_\_\_ view of concepts, people categorize new instances by comparing them to representations of previously stored instances. **1 point**

- ☐ classical  
☐ prototype  
☒ exemplar  
☐ schema

Yes, the answer is correct.

Score: 1

Accepted Answers:

*exemplar*

2) Implicit learning is also known as: **1 point**

- ☐ analytic concept formation.  
☒ nonanalytic concept formation.  
☐ knowledge-based concept formation.  
☐ nominal-kind learning.

Yes, the answer is correct.

Score: 1

Accepted Answers:

*nonanalytic concept formation.*

3) Which of the following is NOT TRUE of the classical view of concepts? **1 point**

- ☐ It proposes that concepts are mentally represented by lists of features.

**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 ()**

☐ Lec 1 :  
Introducing  
Concepts and  
Categories-01  
(unit?  
unit=52&lesson=  
53)

☐ Lec 2 :  
Introducing  
Concepts and  
Categories-02  
(unit?  
unit=52&lesson=  
54)

☐ Text Notes (unit?  
unit=52&lesson=  
55)

☒ **Quiz:**  
**Assignment 7**  
**(assessment?**  
**name=119)**

☐ Week 7:  
Feedback form  
(unit?  
unit=52&lesson=  
56)

**Week 08:**  
**Visual and**  
**Spatial**  
**Memory ()**

**Week 09:**  
**Human**

- ☐ It assumes that membership in a category is clear-cut.
- ☒ It accurately predicts the typicality effect.
- ☐ “Necessary” and “sufficient” features play an important role in the theory.

Yes, the answer is correct.

Score: 1

Accepted Answers:

*It accurately predicts the typicality effect.*

4) Which of the following poses a problem for the prototype view of concepts? **1 point**

- ☐ an inability to explain the typicality effect
- ☐ an inability to explain why people have a hard time providing strict definitions of their concepts
- ☐ an inability to explain why some classifications are easy to make and others are unclear
- ☒ an inability to explain why the typicality of a particular instance can depend upon context

Yes, the answer is correct.

Score: 1

Accepted Answers:

*an inability to explain why the typicality of a particular instance can depend upon context*

5) Which of the following factors does NOT encourage a person to store information about particular exemplars, according to Brooks? **1 point**

- ☐ The task requires one to learn information that distinguishes between individual instances.
- ☐ The relevant dimensions of the stimuli are not obvious.
- ☐ Instances can belong to many categories simultaneously.
- ☒ We know in advance how we will be called upon to use our newly acquired information later.

Yes, the answer is correct.

Score: 1

Accepted Answers:

*We know in advance how we will be called upon to use our newly acquired information later.*

6) The \_\_\_\_\_ view of concepts argues that concepts include representations of at least some individual instances and not only abstract summaries. **1 point**

- ☐ prototype
- ☐ exemplar
- ☐ schemata
- ☒ both exemplar and schemata

Yes, the answer is correct.

Score: 1

Accepted Answers:

*both exemplar and schemata*

7) The schema view of concept formation assumes that: **1 point**

- ☐ there are clear boundaries among individual schemata.
- ☐ there is cognitive economy among concepts.
- ☒ information is abstracted across instances.
- ☐ no information is stored about actual instances

Yes, the answer is correct.

Score: 1

Accepted Answers:

*information is abstracted across instances.*

**Language Skills ()**

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

**Week 11: Reasoning ()**

**Week 12: Decision Making ()**

**Live Sessions ()**

8) The \_\_\_\_\_ view of concepts argues that a person uses his/her theories about the way the world works to justify the classification of instances in the same category. **1 point**

- ☐ classical
- ☐ prototype
- ☐ schema
- ☒ knowledge-based

Yes, the answer is correct.

Score: 1

Accepted Answers:

*knowledge-based*

9) Characteristic features” and “family resemblance” are important aspects of the \_\_\_\_\_ view of concepts. **1 point**

- ☐ classical
- ☒ prototype
- ☐ exemplar
- ☐ Schema

Yes, the answer is correct.

Score: 1

Accepted Answers:

*prototype*

10) Which of the following is a good example of a superordinate level of categorization? **1 point**

- ☒ Fruit
- ☐ Banana
- ☐ Fuji apple
- ☐ Golden Delicious apple

Yes, the answer is correct.

Score: 1

Accepted Answers:

*Fruit*