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NPTEL

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Courses » Introduction to Advanced Cognitive Processes

Announcements Course Ask a Question Progress Mentor

Unit 3 - Week 1 : Course Introduction and Knowledge

Course outline

How to access the portal?

Testing the pre-requisites

Week 1 : Course Introduction and Knowledge

- Lecture 01: Preface, Outline and Course Structure
- Lecture 02 : Knowledge - I
- Lecture 03 : Knowledge - II
- Lecture 04 : Knowledge - III
- Lecture 05 : Knowledge - IV
- Quiz : Week 1- Assignment 1
- Week 1 Feedback
- Released Assignment -1 Solution

Week 2: Knowledge, Visual Imagery

Week 3 : Language

Week 4 : Language - II

Week 5: Language | Decision Making

Week 1- Assignment 1

The due date for submitting this assignment has passed. **Due on 2018-02-21, 23:59 IST.**

Submitted assignment

1) During the abstraction process of schemas, which of the following is more likely to occur: **1 point**

- Activation of the perceptual schema
- Violation of the familiar scripts
- Memorization the gist of the information
- Description of the well-known schema

No, the answer is incorrect.

Score: 0

Accepted Answers:

Memorization the gist of the information

2) _____ is an abstraction, a prototype of a series of events that share an underlying similarity. **1 point**

- Schemas
- Scripts
- Scripts and Schemas
- Concepts, scripts and schemas

No, the answer is incorrect.

Score: 0

Accepted Answers:

Scripts

3) In connectionist network, the information about each concept is contained in the _____ of activity across a number of units. **1 point**

- Distributed pattern
- Gated pattern
- Sweep pattern
- Singleton pattern

No, the answer is incorrect.

Score: 0

Accepted Answers:

Distributed pattern

4) _____ is a process by which error signals are sent back to the hidden and representation units in a connectionist network. **1 point**

- Forward propagation
- Back propagation

Week 6 :
Problem Solving
| Creativity

Week 7 :
Cognition &
Emotion

Week 8:
Cognitive
Development

- Spread activation
 Parallel propagation

No, the answer is incorrect.
Score: 0

Accepted Answers:
Back propagation

5) One of the criticisms of the Collins & Quillian's Model is that:

1 point

- It could not explain typicality effect
 It didn't explain the cognitive economy concept
 Didn't account for memory errors
 It's not an hierarchical model

No, the answer is incorrect.
Score: 0

Accepted Answers:
It could not explain typicality effect

6) The major setback in Collins & Loftus theory is:

1 point

- Didn't address the cognitive economy problem
 Could be falsifiable easily
 More robust to be refuted by empirical evidence
 It accounted for personal experience

No, the answer is incorrect.
Score: 0

Accepted Answers:
More robust to be refuted by empirical evidence

7) Categories are also referred as:

1 point

- Cognitive mapping
 Knowledge accumulation
 Sequences of events
 Pointers of knowledge

No, the answer is incorrect.
Score: 0

Accepted Answers:
Pointers of knowledge

8) The relationship between family resemblance and prototypicality in categorization is

1 point

- Not correlated
 Highly correlated
 Weakly correlated
 Negatively correlated

No, the answer is incorrect.
Score: 0

Accepted Answers:
Highly correlated

9) Rosch (1975) demonstrated that prototypical members of a category are affected by _____ more than the non-prototypical members.

1 point

- Priming stimulus
 Non-typical members
 Family resemblances
 Individual exemplars

No, the answer is incorrect.

Score: 0

Accepted Answers:

Priming stimulus

10) In the levels of categorization of exemplars or prototype _____ level is well pronounced in identifying categories. **1 point**

- Global
- Basic
- Specific
- Local features

No, the answer is incorrect.

Score: 0

Accepted Answers:

Basic

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