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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 ()

Week 03:
Attentional
Processes and
Cognition ()

Assignment 3

The due date for submitting this assignment has passed.

Due on 2024-02-14, 23:59 IST.

Assignment submitted on 2024-02-06, 23:01 IST

All questions are compulsory.

Marks [1x10= 10]

1) Which of the following is an analogy used to describe attention? **1 point**

- ☒ a filter of information
- ☐ a key fitting into a lock
- ☐ a light that turns on and off repeatedly
- ☐ a barrier that separates the features of the environment

Yes, the answer is correct.

Score: 1

Accepted Answers:

a filter of information

2) Treisman's feature integration theory argues that: **1 point**

- ☒ we perceive objects in two distinct stages.
- ☐ we can only process one piece of information at a time.
- ☐ we have a flexible capacity for processing information.
- ☐ controlled processes do not interfere with each other the way automatic processes do

Yes, the answer is correct.

Score: 1

Accepted Answers:

we perceive objects in two distinct stages.

3) Which of the following factors does NOT influence the allocation of mental resources in Kahneman's capacity model? **1 point**

☐ Lec 1 : Basic Attention Processes (unit? unit=30&lesson=31)

☐ Lec 2 : Models of Attention (unit? unit=30&lesson=32)

☐ Lec 3 : Automization and Attention (unit? unit=30&lesson=33)

☐ Text Notes (unit? unit=30&lesson=34)

☐ Week 3: Feedback form (unit? unit=30&lesson=35)

☒ **Quiz: Assignment 3 (assessment? name=115)**

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 ()

- ☐ the state of arousal
- ☐ the difficulty of the task
- ☐ enduring dispositions
- ☒ the lateness of selection

Yes, the answer is correct.
Score: 1

Accepted Answers:
the lateness of selection

4) Stroop interference lessens when:

1 point

- ☐ participants are better readers.
- ☒ participants are given more practice at naming colors.
- ☐ participants are girls rather than boys.
- ☐ participants are encouraged to focus carefully.

Yes, the answer is correct.
Score: 1

Accepted Answers:
participants are given more practice at naming colors.

5) Which of the following is true regarding controlled processing?

1 point

- ☐ It is used with routine or familiar tasks.
- ☐ It usually operates in parallel.
- ☒ It requires attention.
- ☐ It is unaffected by massive amounts of practice

Yes, the answer is correct.
Score: 1

Accepted Answers:
It requires attention.

6) According to the attention hypothesis of automatization,

1 point

- ☐ attention is needed during the practice phase of a task.
- ☐ attention determines what gets learned during practice.
- ☐ attention determines what will be remembered from the practice.
- ☒ attention is needed during practice, and determines both what is learned during practice and what will be remembered from the practice

Yes, the answer is correct.
Score: 1

Accepted Answers:
attention is needed during practice, and determines both what is learned during practice and what will be remembered from the practice

7) The “cocktail party effect” refers to the fact that shadowing performance is disrupted when _____ is embedded in the unattended message. **1 point**

- ☐ backward speech
- ☒ the listener’s name
- ☐ a section of repeated words
- ☐ music

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:
the listener's name

8) Noticing a red flower among a field of purple flowers illustrates _____.

1 point

- ☒ the attention capture phenomenon
- ☐ the cocktail party effect
- ☐ the bottleneck of attention
- ☐ a shadowing task

Yes, the answer is correct.

Score: 1

Accepted Answers:
the attention capture phenomenon

9) According to _____ theory, we never actually acquire unattended material at all.

1 point

- ☒ schema
- ☐ bottleneck
- ☐ attenuation
- ☐ filter

Yes, the answer is correct.

Score: 1

Accepted Answers:
schema

10) Which of the following is a characteristic of an automatic process?

1 point

- ☐ It only occurs intentionally.
- ☐ It gives rise to conscious awareness.
- ☒ It does not interfere with other activities.
- ☐ It does not operate in parallel.

Yes, the answer is correct.

Score: 1

Accepted Answers:
It does not interfere with other activities.