

Delkurs 1: Experimentdesign, 4 hp

OMTENTAMEN

Maxpoäng är 20, gränsen för **Godkänt** är 10 och för **Väl godkänt** 15 poäng.

Frågorna är formulerade på engelska. Svara på svenska eller engelska med max ca 200 ord per fråga (1, 2, 3, osv.).

Tillåtet hjälpmedel: tryckt engelskt lexikon (utan anteckningar)

1 Why do researchers use repeated measures designs?

Skriv in ditt svar här

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						Ord: 0

Totalpoäng: 3

2 Describe the relationship between the concepts **factor**, **level**, and **condition**.

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3 Describe the concepts

- a) Main effect
- b) Interaction effect
- c) Simple main effect

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4 Researchers investigated memory of stories in people with aphantasia, that is, with the inability to mentally visualize. The researchers hypothesized that people with aphantasia will have poorer memory of stories than other people, but only for stories that use rich verbal descriptions. Fifty participants with aphantasia and 50 controls read either a story with rich verbal descriptions or the same story but with sparse verbal descriptions. After a filler task, all participants were tested on the contents of the story using ten multiple-choice questions.

- a) Which research design was used?
- b) What were the factors and levels involved?
- c) Which control techniques were used?

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Ord: 0

Totalpoäng: 6

- 5 Design an experiment to study whether people are faster to determine whether a face is angry compared to if it is neutral.

Specify **research design**, **factors**, **levels**, and **control techniques**.

Skriv in ditt svar här

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Ord: 0

Totalpoäng: 5