



NPTEL Online Certification Course
Introduction to Cognitive Psychology
Assignment 1: Detailed Solution
Indian Institute of Technology Guwahati



- 1- Wilhelm Wundt and his students used a technique known as _____ to study mental states.
- behaviorism
 - intensity measurement
 - componentialism
 - introspection

Ans: **d- introspection**

- 2- Which psychologist extensively tested his own memory to develop theories of cognition?
- Aristotle
 - Wundt
 - Ebbinghaus
 - Chomsky

Ans: **c- Ebbinghaus**

- 3- All connectionist models share the assumption that:
- a central processor directs the flow of information
 - processing occurs in parallel
 - knowledge is stored in various storehouses
 - processing occurs serially

Ans: **b- processing occurs in parallel**

- 4- The term “limited capacity processors” suggests that:
- computers have limited memory storage
 - neurons can only fire at a certain rate
 - human beings can only do so many things at once
 - processing in the brain occurs in parallel

Ans: **c- human beings can only do so many things at once**



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5- A traditional “school” within psychology that had as its goal the identification of the simplest possible units of the mind:

- a. functionalism
- b. structuralism
- c. behaviorism
- d. componentialism

Ans: b- structuralism

6- Cognitive psychology is broad, and thus overlaps with many other elds including neuroscience, philosophy, and _____.

- a. botany
- b. astronomy
- c. linguistics
- d. mining

Ans: c- linguistics

7- William James’s ideas regarding psychological phenomena centered around the idea of

- a. the sea of the subconscious
- b. a stream of consciousness
- c. a stream of subconsciousness
- d. a sea of consciousness

Ans: b- a stream of consciousness

8- A body of knowledge structured according to what its proponents consider important, which guides research topics and research methods, is called a _____.

- a. hypothesis
- b. methodology
- c. paradigm
- d. metaphor

Ans: c- paradigm

9- The analysis of information processing systems is of special interest to _____ psychology.

- a. behavioral



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- b. biological
- c. psychoanalytic
- d. cognitive

Ans: d- cognitive

10- If you think of cognitive processing as a type of information processing, then the brain is the _____ and the cognitive processes themselves are the _____.

- a. response; stimulus
- b. hardware; software
- c. software; hardware
- d. stimulus; response

Ans: b- hardware; software

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