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1. In CLIPS, _____ command erases contents of working memory.

Options:

- a) retract
- b) clear
- c) remove
- d) erase

Correct option: b) clear

2. Reasoning in backward chaining is known as:

Options:

- a) Goal-driven reasoning
- b) Rule-driven reasoning
- c) Data-driven reasoning

Correct option: a) Goal-driven reasoning

3. Which of the following is not considered a trait of an expert?

Options:

- a) They possess long term memory

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- b) They possess specialized knowledge in a certain area
- c) They possess experience in the given area
- d) They can provide, upon elicitation, an explanation of their decisions

Correct option: a) They possess long term memory

4. The "part of the expert system that contains the problem facts that are discovered during the session" is called:

Options:

- a) Working memory
- b) Secondary storage
- c) System memory
- d) Reserved media

Correct option: a) Working memory

5. Within an expert system, the _____ contains facts about a specific subject area and rules that express the reasoning procedures of an expert on the subject.

Options:

- a) Knowledge engineering
- b) Inference logic
- c) Knowledge base
- d) Inference engine

Correct option: c) Knowledge base

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6. _____ is a description of valid statements, the expressions that are legal in that language.

Options:

- a) Syntax
- b) Operator
- c) Semantics
- d) Behavior

Correct option: a) Syntax

7. An alternative method is the longest-matching strategy. This method involves firing the conclusion that was derived from the _____.

Options:

- a) Longest rule
- b) Forward chain rule
- c) Shortest rule
- d) Complex rule

Correct option: a) Longest rule

8. In the linear model, which is not a step of the planning phase?

Options:

- a) Task phasing and scheduling
- b) Feasibility assessment
- c) Resource allocation

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d) Knowledge engineering

Correct option: b) Feasibility assessment

9. Inference engine matches the facts contained in the _____ with the _____ contained in the knowledge base, to draw conclusions about the problem.

Options:

- a) Object, class
- b) Working memory, domain knowledge
- c) Rule engine, operators
- d) Fact table, working memory

Correct option: b) Working memory, domain knowledge

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