SG Computing - Fill-in-the-Blank

Expert Systems Name:_____

Fill in the blank with the term that is described.

1. _____ This is to represent the knowledge of a human expert in a useful way.
2. _____ The process of obtaining the facts and rules from one or more human experts.
3. _____ It attempts to design software that behaves in a way which, if it were human behaviour.
4. _____ Extracts facts and rules from human experts and put them into a form that the computer is able to understand.
5. _____ Part of the knowledge base which is made up of all the rules known to the expert system.
6. _____ Expensive to create; cannot skip terms or use common sense like humans; inflexible; may contain mistakes.
7. _____ A piece of software which does the searching of the knowledge base.
8. _____ Can be copied many times; consistent in decision making; contains knowledge of more than one person.
9. _____ Written in 1965 as an experiment to find out if computers could be programmed to make human conversation.
10. _____ The program uses special programming languages to compare new information with its knowledge base.
11. _____ This is used to ask the questions to the user.
12. _____ Medical, Waste Disposal, Geological, Archaeological, Car Mechanics.
13. _____ Rules which are not derived purely from logic but are derived from the experience of a person.
14. _____ C Language Integrated Production System
15. _____ This is a program that has access to a large database of knowledge about one particular topic.
16. _____ This system shell can represent logic in a number of different ways, including forward and backward rules
17. _____ The facts and rules of an expert system.