Chapter 4 Study Guide

True/False

Indicate whether the statement is true or false.

- _T__ 1. Most problems support specialists encounter are ones they have seen before or can quickly locate the solution to in a database of problem solutions.
 - _T_ 2. Most computer problems are not difficult ones for a support provider to handle.
- __T_ 3. Occasionally support agents encounter problems they have never seen before.
- _F_ 4. Troubleshooting computer problems is a fixed sequence of steps a support specialist follows from the initial problem description to the resolved problem.
- T 5. Troubleshooting a computer problem is an iterative process.
- __F_ 6. Troubleshooting a computer problem involves primarily hit-or-miss, trial-and-error methods.
- __T__ 7. Problem solving is the process of moving from the problem state to the goal state (an operable system).
- __F__ 8. Problem solving, critical thinking, and decision making are different names for the same skill.
- __T__ 9. Problem solving often relies on a search for ways in which the current problem is similar to other problems.
- _F__ 10. In problem solving, a contradiction occurs when the current problem is unlike any problem a troubleshooter has experienced before.
- _F_ 11. A hypothesis is a sequence of trial-and-error guesses a troubleshooter makes to try to find a problem solution.
- __T__12. A troubleshooter who uses creative thinking is one who can see a problem from a new and different perspective.
- __T__ 13. One type of critical thinking is the use of cognitive skills to build a mental model to understand or explain an event or a situation.
- __T__ 14. Metacognition is used to analyze a troubleshooter's process and, as a result, improve it.
- __T__ 15. An example of a metacognitive question a troubleshooter might ask is, What assumptions did I make in working on this problem that led me in the wrong direction?
- __F__ 16. Decision making is the ability to select the correct alternative from among all of the wrong alternative ways to solve a problem.
- __T__ 17. Active listening occurs when a support agent is as engaged in the communication process as the user who has a problem.
- __T__ 18. In addition to listening to a user describe a computer problem, a troubleshooter should listen to the words the user chooses to explain the problem.
- F 19. Restating a problem description using the user's exact words is called paraphrasing.
- __F__ 20. In troubleshooting a user problem, probing is the use of a volt-ohm meter to measure whether the input electrical voltage is within the specification.
- ___T_21. The five critical questions described in this chapter are designed to force a troubleshooter to challenge the assumptions he or she may have made about a problem situation.
- __T__ 22. After a solution to a user problem has been found, an explanation is a communication where a support agent describes the solution so a user understands both the problem and the solution.
- _F_ 23. Verification is a troubleshooting procedure that tries to repeat the same problem on another PC.
- __T__ 24. The books and manuals in a troubleshooter's personal or professional library are part of his or her knowledge base.
- ___F_ 25. A knowledge base is the personal experiences a support agent brings to the table to solve a problem.
- _F__ 26. Most hardware troubleshooters don't use Internet search engines to locate potential problem solutions because they rarely know the exact model number of hardware devices with problems.

True And False Study Guide

Huangqi Zhang

True And False Study Guide:

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