Chapter Question

Evaluate the concept of, and evidence for, distinct memory systems.

Specific Orienting Questions

1. Distinguish between incidental and intentional study (or learning) procedures. Give examples.

2. Distinguish between direct and indirect tests of memory. Give examples.

3. What is implicit memory? In N&S’s Table 7.1, which cell or cells are most likely to be used to demonstrate implicit memory?

4. Create your own artificial grammar.

5. Summarize Stadler’s (1995) study and findings concerning the effects of organization and processing demands on implicit learning.


7. Summarize Tulving, Schacter and Stark’s (1980) demonstration of a dissociation between type and delay of test.

8. Summarize Graf and Schacter’s (1987) demonstration of a dissociation between interference (proactive and retroactive) and
delay of test.


11. According to N&S, what are the four interpretations of the implicit memory findings?

12. Summarize the activation model of implicit memory.

13. What findings support the activation model of implicit memory?

14. What are the weaknesses of the activation model of implicit memory?

15. What are the principal criteria for identifying a memory system?

16. What five memory systems did Schacter and Tulving (1994) advocate?

17. Which of Schacter and Tulving’s proposed memory systems is primarily associated with implicit memory?

18. Distinguish between episodic and semantic memory.

19. What are the weakness of the systems approach to classifying memory?
20. What four assumptions underlie the transfer-appropriate processing account of implicit memory?


22. Summarize Blaxton’s findings and the conclusion she drew from them.

23. Identify two weaknesses with the transfer-appropriate processing account of implicit memory.

24. Summarize the bias account of implicit memory.

25. What findings support the bias account of repetition priming with auditory words?

26. What findings support the bias account of repetition priming with visual words?

27. What findings support the bias account of repetition priming with objects?