

Malott Homework Set# 1 Chapter 18 Time-Dependent Schedules

1. Fixed-interval (FI) schedule of reinforcement: A reinforcer is contingent on the FIRST response, after a fixed interval of time, since the last opportunity for reinforcement.

(p.295)

~True or False?

2. A gradual increase in the rate of responding, with responding occurring at a high rate just before reinforcement is available. No responding occurs for some time after reinforcement. (p.295)

- a. fixed-time schedule
- b. variable-ratio schedule
- c. fixed-interval scallop
- d. variable-interval responding

3. Fixed-time schedule of reinforcer delivery: A reinforcer is delivered after the passage of a fixed period of time, DEPENDENT on the occurrence of the response. (p.300)

~True or False?

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MATCHING: Use each answer only once for questions 4-6.

- a. superstitious behavior
- b. variable-interval schedule of reinforcement
- c. variable-interval responding
- d. resistance to extinction
- e. intermittent reinforcement

4. A moderate rate of responding, with almost no postreinforcement pausing. (p.302)

5. Behaving as if the response causes some specific outcome, when it really does not. (p.300)

6. The number of responses or the amount of time before a response extinguishes. (p.302)

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7. Variable-interval (VI) schedule of reinforcement: A reinforcer is contingent on the first response AFTER a variable interval of time since the last opportunity for reinforcement. (p.301)

~True or False?

8. On a variable-interval schedule of reinforcement, a response need not occur before the reinforcer is delivered, time alone will bring about the reinforcer. (p.301)

~True or False?

9. The more an intermittent schedule differs from _____ reinforcement, more the behavior resists extinction. (p.302)

- a. positive
- b. negative
- c. variable
- d. continuous

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**MATCHING:** Complete the following diagram using a. and b. for questions 10-13.  
 Answers may be used more than once. (Use the diagram on p.303 as a guide)

- a. yes
- b. no

**INTERVAL VS. TIME SCHEDULES**

|                | / | Involves time | / | Requires a response |
|----------------|---|---------------|---|---------------------|
| Fixed interval | / | 10.)          | / | 11.)                |
| Fixed time     | / | 12.)          | / | 13.)                |