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1. State box without decision and conditional box is
- a. asm block
 - b. defined block
 - c. simple block
 - d. both a and b

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Answer: (c).
simple block

2. ASM chart resembles with
- a. map
 - b. data
 - c. flowchart
 - d. operation

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Answer: (c).
flowchart

3. Control sequence state is indicated by

- a. state box
- b. decision box
- c. data box
- d. conditional box

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Answer: (a).
state box

4. Control information gives knowledge about the

- a. command signals
- b. data
- c. metadata
- d. operation

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Answer: (a).
command signals

5. If system is performing no function then it is in
- a. clear state
 - b. initial state
 - c. enable state
 - d. reset state

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Answer: (b).
initial state

6. ASM chart has
- a. 4 exits
 - b. 3 exits
 - c. 2 exits
 - d. any number of exits

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Answer: (d).
any number of exits

7. ASM chart is composed of
- a. 2 elements
 - b. 3 elements

- c. 4 elements
- d. 5 elements

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Answer: (b).
3 elements

8. In designing ASM with multiplexers, the registers hold

- a. present binary state
- b. input
- c. next binary state
- d. output

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Answer: (a).
present binary state

9. All inputs are synchronized with

- a. master clock
- b. clock pulses
- c. counter
- d. latch

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Answer: (b).
clock pulses

10. A state table for a controller is a list of present states and inputs and their corresponding

- a. Pervious states and output
- b. next states and outputs
- c. current states
- d. None

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Answer: (a).
Pervious states and output

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