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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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3. Control sequence state is indicated by

a. state box

b. decision box

c. data box

d. conditional box

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4. Control information gives knowledge about the

a. command signals

b. data

c. metadata

d. operation

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Answer: (a). command signals

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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

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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

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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

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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

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9. All inputs are synchronized with

a. master clock

b. clock pulses

c. counter

d. latch

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Answer: (b).
clock pulses

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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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