

Started on	Friday, 22 October 2021, 10:05 AM
State	Finished
Completed on	Friday, 22 October 2021, 10:10 AM
Time taken	4 mins 59 secs
Marks	0.25/1.00
Grade	2.50 out of 10.00 (25%)

**Question 1**  
Partially correct  
Mark 0.25 out of 1.00

Consider the design of a digital system that has 7 control signals and 3 status signals. Which of the following statements are true about the design of this system?

Select one or more:

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A control signal typically reflects a condition signal which is tested for branching in the control part. ❌

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A control signal can act as a multiplexer select signal and define routing associated with a certain state. ✔️

☐

☐

From the number of control signals one can't infer the number of states.

☐

☐

A status signal can act as a function select for a multi-function unit and define function associated with a certain state.

Your answer is partially correct.  
You have correctly selected 1.  
The correct answers are:

From the number of control signals one can't infer the number of states., A control signal can act as a multiplexer select signal and define routing associated with a certain state.