

1

Select the correct statement

83

control system consists subsystems and processes

☐ 6%

if the output is controlled then it is a control system

☐ 0%

control systems can be open loop or closed loop

☐ 13%

all of the above ☒

☒ 81%

none of the above

☐ 0%

2

Select the wrong statement

88

a system that involves machines only called feedback control ☒

☒ 47%

driving a car can be considered manual control

☐ 7%

automatically controlled systems exist in nature

☐ 17%

all of the above

☐ 23%

none of the above

☐ 7%

3 Select the correct statement

90

control systems can't compensate disturbances

☐ 3%

control systems can only be useful in remote operation

☐ 0%

closed-loop systems are less sensitive to noise ☒

☐ 63%

all of the above

☐ 2%

none of the above

☐ 31%

4 Select the wrong statement related to design of a feedback control system:

80

if testing shows that requirements have not been met, the system must be redesigned and retested

☐ 21%

as a part of the design, description of the physical system transforms into a schematic diagram

☐ 11%

subsystem models are interconnected to form block diagrams of larger systems

☐ 9%

all of the above

☐ 19%

none of the above ☒

5 Select the correct statement

95 

Block diagrams cannot be used for open loop control system design

☐ 1%

flow of signals can be clearly seen in a block diagram

☐ 1%

block diagram algebra can be used to reduce block diagrams

☐ 4%

1 and 3

☐ 15%

2 and 3 ☒

☐ 79%