Discussion Progress

Course > Graded Quiz (Fall '21) > Graded Exam-3 (20th Dec.) > Quiz 3

Previous

Course

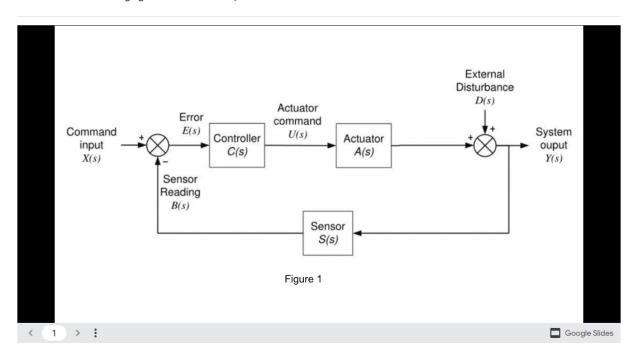
Next >

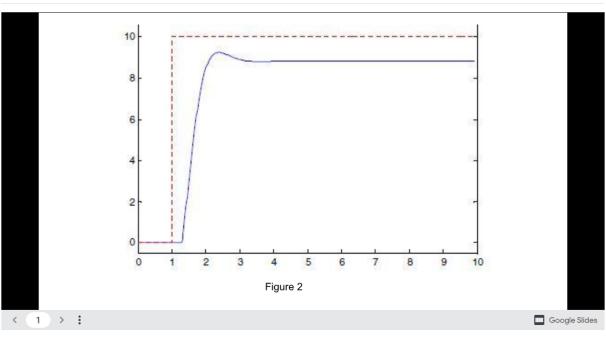
## Quiz 3

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## **IMPORTANT**

- Each Question carries 1 mark and you will get 1 attempt each. Total 10 Marks
- You Need the following figure 1 & 2 in the MCQ



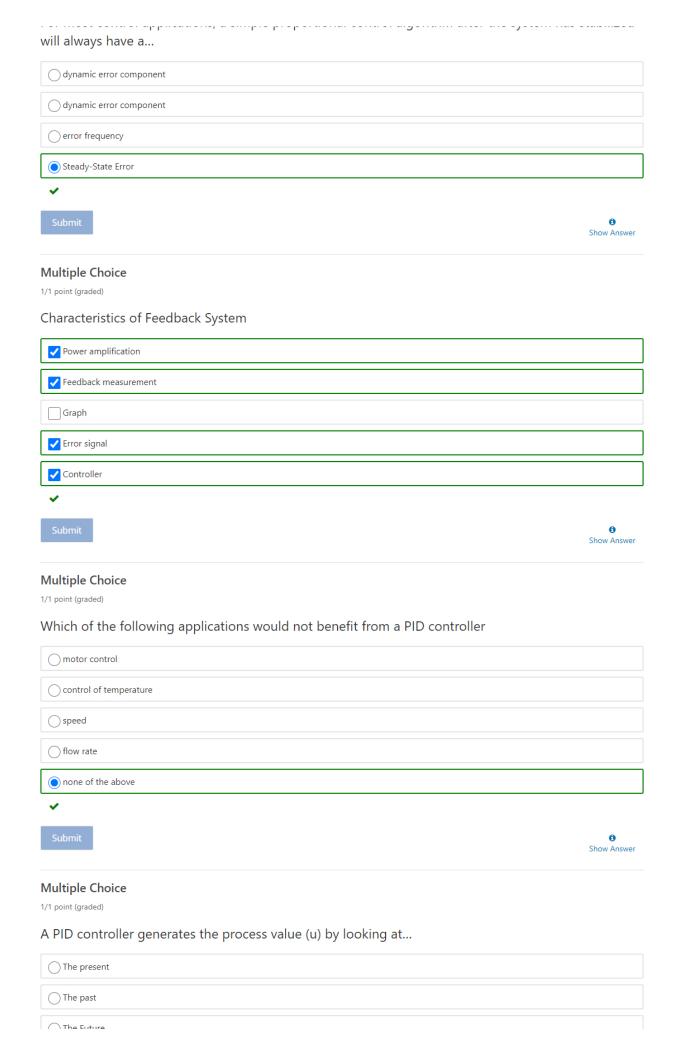


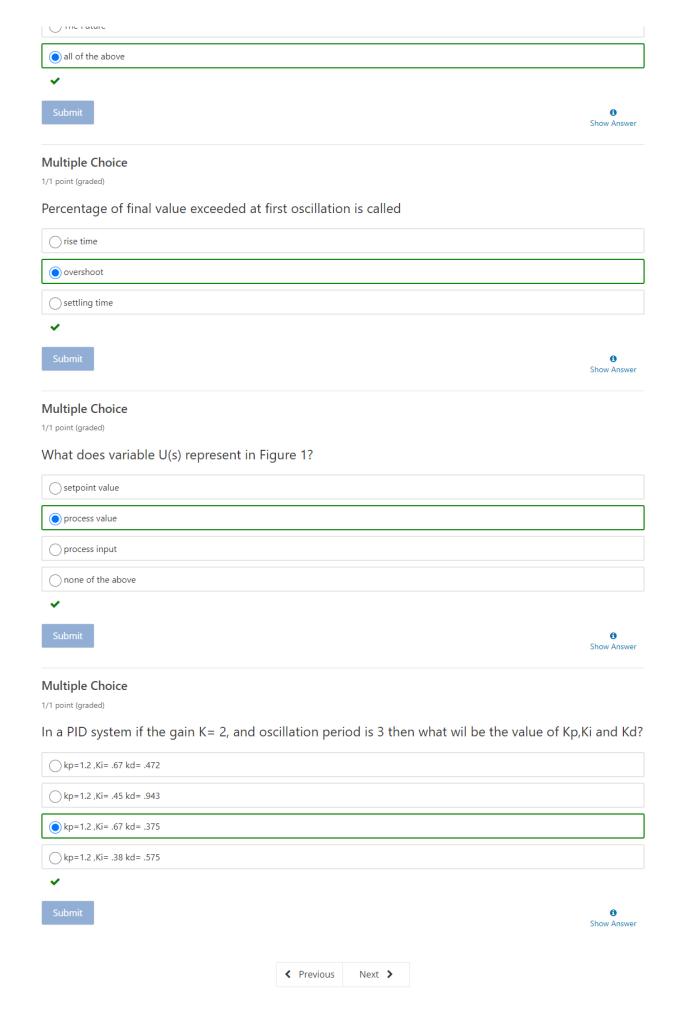
In Figure 2 the red line represents a reference (setpoint) input to a closed system. The measured process value is shown in blue. What type of controller is used in this application?	
○ P	
○ PI	
○ PID	
● PD	
•	
Submit	<b>1</b> how Answer
Multiple Choice	
1/1 point (graded)	
A simple proportional control algorithm differs from a PID controller by not looking at	
The present	
The past	
The Future	
The Past and Future	
All the above	
<b>✓</b>	
Submit	now Answer
Multiple Choice	
1/1 point (graded)	
$rac{U(S)}{E(S)} = rac{K_P + K_I}{S + K_D S} = rac{K_P S + K_I + K_D S^2}{S}$	
What does $K_P$ represent?	
the time constant of the proportional term	
the time constant of the integral term	
the time constant of the derivative term	
the constant of proportionality	
none of the above	
<b>✓</b>	
Submit	<b>1</b> how Answer

## Multiple Choice

1/1 point (graded)

For most control applications, a simple proportional control algorithm after the system has stabilized







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