	Monday, 30 August 2021, 12:20 PM	
	Finished Monday, 30 August 2021, 12:44 PM	
	24 mins 48 secs	
Grade	8.00 out of 10.00 (80%)	
uestion 1		
orrect		
ark 2.00 out of 2.00		
	ntrol system has its open loop transfer function $G(s)H(s)=K/[(s-2)(s^2+3s+7)]$ has the root locus plot which	
intersects the ima	iginary axis at s =0, then the value of K at this point will be	
Select one:		
o a. 8		
● b. 14		~
○ c8		
○ d14		
○ d14		
O d14	er is: 14	
	er is: 14	
The correct answ	er is: 14	
The correct answ uuestion 2	er is: 14	
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The correct answer uestion 2 orrect ark 2.00 out of 2.00 Number of roots of		
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The correct answ uestion 2 orrect ark 2.00 out of 2.00 Number of roots of Select one:		•
The correct answ uestion 2 orrect ark 2.00 out of 2.00 Number of roots of Select one: () a. Branches		
The correct answ puestion 2 correct tark 2.00 out of 2.00 Number of roots of Select one:		~
The correct answ uestion 2 orrect ark 2.00 out of 2.00 Number of roots of Select one:		•

9/1/2021

Mark 2.00 out of 2.00

The loop transfer function of an LTI system is G(s)H(s) = [K(s+4)(s+8)]/[s(s+5)(s+6)]. For K>0, the point on the real axis that does not belong to the root locus of the system is

Select one:

o a. -5.5

● b. -6.5

○ c. -8.5

Od. -3.5

The correct answer is: -6.5

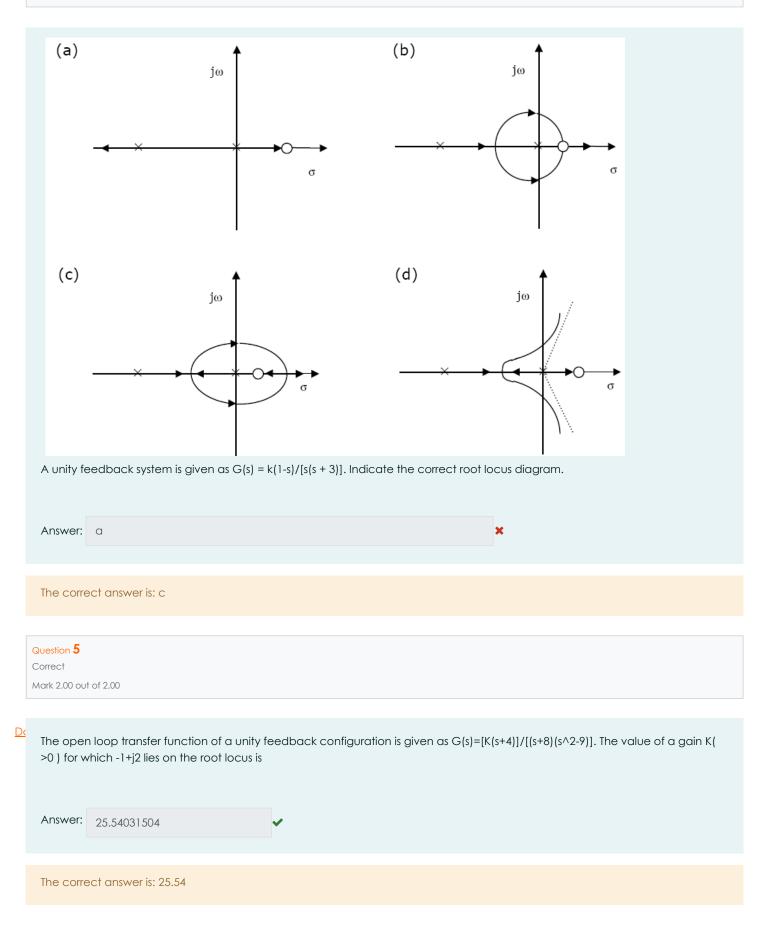
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9/1/2021

Question 4

Incorrect

Mark 0.00 out of 2.00



◄ Quiz #4 Redo

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MIDTERM EXAM

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