Dashboard / My c	courses / CONTROL SYSTEMS-Lecture-1203 - ENEE3302 - 1 / Quizzes / Quiz #6
	Monday, 23 August 2021, 12:30 PM
	Finished Application 22 August 2021, 12:40 PM
	Monday, 23 August 2021, 12:40 PM 10 mins 1 sec
	6.00/8.00
	7.50 out of 10.00 (75 %)
Oldac	7.55 001 01 10.00 (75/0)
Question 1	
Correct	
Mark 2.00 out of 2.00	
The For a unity fee constant? Select one: a. k/9 b. 3/k	edback system the open loop transfer function is $G(s)=[K(s+3)]/[s(s^2+2s+9)]$. What is the value of velocity error
c. k/3d. 9/k	*
The correct answer	er is: k/3
Question 2	
Correct	
Mark 2.00 out of 2.00	
The error constant	ts described are the ability to reduce the steady state errors.
THE CHOI CONSIGN	is described and the ability to reduce the steady state errors.
Select one:	
a. False	
b. True	✓
The correct answer	er is: True

Question 3	
Correct	
Mark 2.00 out of 2.00	
The steady state error for a unity feedback system for the input $r(t)$ to the system $G(s) = K(s+1)/t$	$s(s^3+8s^2+2s)$ is $6(R/K)$. The input
(t) is: (note: R and K are constants)	
Select one:	
	→
b. (3R/2)†∧3	
○ c. (3R)†^3	
○ d. (3R)†^2	
G. (6N)1-2	
The correct answer is: (3R/2)t^2	
Question 4	
Question 4 Incorrect Mark 0.00 out of 2.00	
Incorrect	
ncorrect Mark 0.00 out of 2.00	
ncorrect Mark 0.00 out of 2.00 Consider the unity feedback system with open loop transfer function of [K(s+4)]/[s(s+2)(s+4)(s+4)]	5)]. The approximate minimum
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Consider the unity feedback system with open loop transfer function of $[K(s+4)]/[s(s+2)(s+4)(s+4)]$ value of the steady state error to a ramp input $r(t) = 21tu(t)$ is:	5)]. The approximate minimum
Consider the unity feedback system with open loop transfer function of $[K(s+4)]/[s(s+2)(s+4)(s+value of the steady state error to a ramp input r(t) = 21tu(t) is: Select one:$	5)]. The approximate minimum
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