	Quiz 1, 13 th Oct. 2022 EE454 Power System Protection Reg. No	
	Time: 10 minutes, Marks=9 EE454 Power System Protection Reg. No Session 2019 (7th Semester)	
	a wing (Over-Willing is not	
	purpose of this is to allow a) Heavy fault current to flow in the system	1.5
	2 c) Every fault leads to operation of some protection device d) All of the above e) None of the above	1.5
	The common house-hold circuit breaker, as shown in the accompanying figure, operates on the basis of a) Frequency sensing b) Phase Angle Comparison c) Differential comparison d) Level Detection e) Distance Measurement f) Receiving trip signal from a protection Relay g) None of the above	.5
	A transmission system circuit breaker, similar to the one shown here, operates on the basis of a) Frequency sensing b) Phase Angle Comparison c) Differential comparison d) Level Detection e) Distance Measurement f) Receiving trip signal from a protection Relay g) None of the above	.5 CIO1
en Sarahan _{kar} a	5 c. Of heavy copper losses in the transformer secondary coil d. Of heavy copper losses in the transformer primary None of the above	1.5
	In a CCVT, resonance is achieved between an additional inductor L and the capacitive branch of the CCVT – the purpose of this is to a. Remove harmonics in the secondary voltage b. Remove phase angle error in the secondary voltage c. Remove transformer non-linearity issues in the secondary voltage d. All of the above e. None of the above	1.5