Registration no:														
Total Number of Pages: 02								210	B.TECH PCEE4402					
8 th Semester Regular / Back Examination 2015-16 POWER SYSTEM PROTECTION BRANCH(S): EEE, ELECTRICAL Time: 3 Hours 210 Max Marks: 70 Q.CODE:W132 Answer Question No.1 which is compulsory and any five from the rest. The figures in the right hand margin indicate marks.														
Q1 210	a) b) c) d) e) f) g) h) i)	diverter? What type relay is best suited for long distance very high voltage transmission lines?									(2 x 10)			
Q2 210	a) b)	Differentiate List various description a	buildi	ing b	locks	that	cons	stitute	•		y and	d give	brief	(5) (5)
Q3	a) b)	What are the What is the Definite dista	princ	ciple	of di					•				(5) (5)
Q4 ₀		Describe the directional of they are obtained they are obtained to the direction of the dir	over-c	curre	nt re	lay.	Expla	ain IE	TMC				• .	(10)

Explain with neat circuit diagram the fault bus protection scheme.

Amps. What should be the CT ratio on 11000 Volts side?.

A 3phase transformer of 220/11000 line volts is connected in Y/Δ . The

protective transformers on 220 Volts side have a current ratio of 600/5

(5)

(5)

Q5 a)

	Q6 a	switch, while closing. Briefly explain differer With neat sketch and	(5)	210			
210	k	write notes on any two MHO relay DC circuit breaker Buchholz's relay Resistance switching.	O. ₂₁₀	210	al power system?	(5 x 2)	210
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