Registration no:														
Tota	ıl Nu	ımber of Paç	ges: 2	210		210			210			210	B.TECH PEEI5403	
8 <sup>th</sup> Semester Regular / Back Examination 2015-16 INDUSTRIAL INSTRUMENTATION BRANCH(S): AEIE, ECE, EIE, ENV, ETC, IEE, MINERAL  210 210 Time: 3 Hours Max Marks: 70 Q.CODE: W243  Answer Question No.1 which is compulsory and any five from the rest. The figures in the right hand margin indicate marks.														
<b>Q1</b> <sup>10</sup>	a) b) c) d) e) f) g) h) i)	Answer the What do you Mention diffe What is load! What is spec What is teler What are the What is Flue What do you What is "swe Define NEMA"	mean by cerent types ing error in troscopy? I metry? Give advantage gas? List the understan elling" and	Jynamics of drift measu Define (examples of prime gases) and by in	c calibrate tin a measurement mass special of volumetics presentrinsic satisfactions.	easurin system ectroso Itage t mean t in Flu afety?	n? copy. elements in terminated in the comment of t	etry. eleme ?		kplain		210	(2 x 10)	
<b>Q2</b> 210	a) b)	Derive the einput. 210 Explain the co	peration o	210	-	210			210	0		210	(5) (5)	
Q3 210 Q4	<ul><li>a)</li><li>b)</li><li>a)</li><li>b)</li></ul>	Discuss and proper diagra What is Zirco What is Relate Discuss the spectromete	am. onia Oxyger tive humid scheme o	n Analyz 210 ity? Exp	zer? Exp plain the	lain the	e ope	ratior of hyg	n of it	:. eter.		210	(5) (5) (5) (5)	

**Q5** a) Explain receiver and transmitter of Frequency Hopping Spread Sprectrum.

chromatography.

**b)** Is chromatography related to colour? Explain the operation of a liquid

(5)

(5)

QĜ°	a) b)	Draw and explain the TDM. What is the import methods of modulation	ance of modu	ulation in telem			(5) <sup>210</sup> (5)	
<b>Q7</b>	a) b)	Draw the scheme of Explain the methods	210	<b>(5) (5)</b>				
Q8	a) b) c) d)	Write Short Note on Measurement of pH- Statistical error analy Scintillation counter. Wireless I/O	(	(5 x 2)				
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