	pharmaceutico 18th may - 13 Sem-II (Rev), ATKT	of Analysis-I	, sem II (Re
01-1-	18th mary - 13		A.T.K.T.
18/5/13 156: Con. NoJP	Sem. II (Rev), ATKT	- Ph. Analysis -	I
Con. 5864–13.	(REVISED C	OURSE)	DC-7204
	(2 Hour	rs)	[Total Marks: 40
(2) Attempt (3) Draw di	n no. I is compulsory. any four of the remaining questi agrams wherever necessary. to the right indicate full marks.	ons.	
i. Exist ii. Niii. Sei iv. En	following terms: kternal indicator ormality equestering agent nd point		(4)
b. What vol	.ime of 2N H ₂ SO ₄ would be requ	ired to neutralize 50ml	of 1.056N NaOH? (2)
	following redox reaction. Give t	he net balanced comple	
same:	Cr ₂ O ₇ + NO ₂	$C_1^{3+} + NO_3$	(2)
i. Fe	ncipal behind the assay of the fo rrous sulphate oric acid	llowing:	(4)
b. Write a note	on oxygen as an official gas.		(4)
Q3a. What is a pr	imary standard? What are the pr	operties of such a comp	oound? How is a
standard sodium	carbonate solution prepared?	,	(4)
b. Give an acc	ount of the iron limit test.		(4)
i. Su ii. Su iii. Le	nificance of the following: Iphuric acid in permanganometry Iphuric acid in ash value ad acetate cotton in arsenic limit oxane in non-aqueous titrations.		(4)
b. Why is the m	naintenance of a constant pH crit suitable example.	ical in complexometric	titration? Explain (4)
	ount of iodimetric titrations. Exp on Volhard's method of estimat		s an indicator. (4)
b. Re	otes on any two: n-aqueous titrations. sidue on ignition. nit test for chloride		(8)