S.Y.B.PHARM. SEMESTER-IV (CBCS - 2015 COURSE) : SUMMER - 2018

SUBJECT :PHARMACEUTICAL ANALYSIS - II

Day Date	:	Saturday 28/04/2018	S-2018-3923	Time: Max. M	02.00 PM To Tarks : 60
N. B.	: 1)	•	o – 1 and 5 are COMPULSORY. O		stions attempt
	 any Two from section - I and any Two questions from section - II Answers to both the sections should be written in SEPARATE answ Figures to the right indicate FULL marks. 				wer books.
			SECTION - I		
Q.1		Attempt ANY	FIVE of the following:		(10)
	a) b) c) d) e) f)	Classify variou What is acid en What is 'maxin With what is ca	ntiating pulse polarography s electro analytical techniques or and alkaline error in potentiometr na' in polarography? How is it reduct libration of pH electrode done? sary to remove oxygen from polarog	ed?	
2.2	a) b)		account of Amperometric titrations aciple involved in biamperometry		(7) (3)
Q.3	a)	Draw and expla	in construction and working of DMI	Е	(7)
	b)	Give IIkovic eq	uation and its significance		(3)
Q.4		Write short notes on ANY TWO of the following:			(10)
	a) b) c)		Coulometry rodes in potentiometry y various modes		
			SECTION - II		
Q.5		Attempt ANY l	FIVE of the following:		(10)
	a)b)c)d)e)f)	Explain the terr How and with w Explain the effective comparison	factors affecting angle of refraction on ORD and CD what is calibration of conductometer ect of dilution on molar and equivale to between co-precipitation and post tometric titration of Weak Acid Vs.	performed? nt conductance precipitation	
Q.6	a)	Give principle,	instrumentation and application of A	Abbe's Refractomete	r (10)
Q. 7	a)	Explain the prin	nciple and instrumentation of polaring	neter	(7)
	b)	Give applicatio	ns of Polarimetry		(3)
2.8	a) b) c)	Write short note Gasometric assa Conductivity ce Steps in gravim	11		(10)