## FIRST YEAR PHARM. D (SUPPLEMENTARY) : SUMMER - 2018

## SUBJECT: PHARMACEUTICAL INORGANIC CHEMISTRY

Day Date	: :	Friday 06/07/2018	S-2018-4052	Time: <b>10.00 AM to 01.00 PM</b> Max. Marks: 70	
N.B.:	1)	Q.No.1 and Q.No.5 are COMPULSORY. Out of the remaining questions attempt ANY TWO questions from each section			
	2) 3)	Answers to both the sections should be written in the <b>SEPARATE</b> a			oks.
'			SECTION - I		
Q.1	A)	i) How t ii) What iii) How v iv) Discuss body.	NY FOUR of the following: to observe the colour intensity in he is the source and biological import will you standardized 0.1N KMnO ss the important functions of chlo the uses of citric acid and ammonia	eavy metal limit test? tance of Iron? solution? ride and bicarbonate ion in the	[08]
	B)	What do yo	ou mean by expectorants? Classify	them with suitable examples.	[03]
Q.2		-	detail theories of Indicator in acid nmonium Chloride and Ferrous Su		[12]
Q.3	a) b)	Describe various acid-base neutralization curves in detail.  Compare between Determinate and Indeterminate error.		[07] [05]	
Q.4	a) b) c) d)	Limit test for Antimicrob Antidote		•	[12]
		SECTION – II			
Q.5	A)	<ul><li>i) Classi</li><li>ii) Enlist</li><li>iii) What</li><li>aqueo</li><li>iv) Enlist</li></ul>	NY FOUR of the following: fy antacids with suitable examples Organic and Inorganic precipitants are non-aqueous titrations? Enlius method. different types of dental products. e and classify acidifying agents.	S.	[08]
	B)	Give advan	tages, limitations and indicators of	non-aqueous titrations.	[03]
Q.6		What are the different applications of precipitation titrations? Explain Mohr's method of end point detection. Give preparation and standardization of 0.1M AgNO <sub>3</sub> .			[12]
<b>Q.7</b>	a) b)	Discuss leveling and differentiating effect of non-aqueous solvents.  Explain determination of sodium chloride by Volhard's method.		[07] [05]	
Q.8	a) b) c) d)	Write notes on ANY THREE of the following: Role of fluoride in dental products Preparation and assay of aluminium Hydroxide Gel Adsorption indicator in precipitation titration Metallochrome indicators in complexometric titration			