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(This paper contains 2 pages)

HYD_28 1184

FACULTY OF PHARMACY B.Pharmacy I Year (Suppl.) Examination, Oct./Nov. 2012 PHARMA. INORGANIC CHEMISTRY

Time	e: 3 Hours]	[Max. Marks: 70	
	Note : Answer all questions.	All questions carry equal marks.	
1.	a) 1) Explain the principle and procedure i) Limit test for chloride	involved in the ii) Limit tests for sulphate.	8
	Differentiate between anions and ca i) Sodium	tions. Give the identification tests for ii) Chloride.	6
	OR		
	b) 1) Explain the principle and procedure	involved in the limit test for lead.	8
	2) What do you mean by impurities? H in pharmaceutical substances?	ow the impurities do get incorporated	6
2. a) 1) What are electrolyte replenishers? List out the different solution of chloride and give the preparation of any one.			8
	2) Write the method of preparation, pro i) Magnesium sulphate OR	pperties and uses of ii) Sodium citrate.	6
	b) 1) Write a brief note on acid-base regu of ammonium chloride.	lators. Give the preparation and uses	8
	2) Give the method of preparation and sodium citrate.	uses of magnesium carbonate and	6
3.	a) 1) What are Antioxidants. Give the list official in IP.	of the various antioxidants that are	3
	2) Write a brief note on desiccants and suspending agents.		5
	3) Give the method of preparation and uses of		
	i) Activated charcoal OR	ii) Aluminium sulphate.	6

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2) What are haematinics? Give the preparation and assay of ferric ammonium citrate. 4. a) 1) What are antidotes? Give the preparation properties and application of i) Sodium thio sulphate ii) sodium nitrite. 2) Write a note on inhalants. OR b) 1) What are emetics? Give the preparation properties and application of i) Potassium antimony tartarate ii) Zinc sulphate. 2) What are expectorant? Give the preparation and assay of ammonium chloride. 5. a) 1) What are astringents? Give the preparation, properties and uses of i) Zinc oxide ii) Bismuth subcarbonate. 2) Write a note on: i) Oral antiseptics ii) Diagnostic agents. OR b) 1) What are anticaries agents '? What is the role of fluoride as anticaries? List out the official fluoride compounds. 2) Give the preparation and assay of		Code No. : 2	2
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i) Potassium bromide IP ii) Boric acid IP.	Give the preparation and assay of i) Potassium bromide IP	ii) Boric acid IP.	8