



BRAINWARE UNIVERSITY

Term End Examination 2023-2024 Programme – B.Pharm-2022/B.Pharm-2023 Course Name – Pharmaceutical Inorganic Chemistry Course Code - BP104T (Semester I)



Full Marks: 75

c) NaNO3

(ix) Identify the use of Ammonium Chloride -

Time: 3:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 20=20

- 1. Choose the correct alternative from the following:
- (i) Choose the option-KMnO4 can be used to remove from well water. a) Hydrogen sulfide b) Iron c) Both Hydrogen sulfide and Iron d) Potassium (ii) Choose the option-In limit test for iron Ferrous thioglycolate has stable pink to reddish purple colour in medium. a) Alkaline b) Acidic d) None of these c) Neutral (iii) Choose which one is preservative a) CaCl2 b) NaF d) NaCl c) NaBr (iv) Choose the common name of milk of magnesia b) Suspension of Magnesium hydroxide a) Suspension of Magnesium carbonate d) Suspension of magnesium sulphate c) Suspension of magnesium oxide, (v) State Ferrous gluconte is used as a) Astringent b) expectorant c) emetic d) haematinics (vi) Identify the option-First I.P published in the year a) 1945 b) 1950 d) 1955 c) 1947 (vii) How much % of HCl contains in dilute HCl a) 2% b) 10% c) 5% d) 15% (viii) Identify the compound formed as precipitate In limit test for chloride a) AgCl b) AgNO3

d) None of this

	a) Systemic Acidifier	b) Expectorant	
	c) Diuretic	d) Non systemic Acidifier	
		water is free only from all ions and minerals -ls the	
	statement.		
	a) True	b) False	
	c) may be	d) none of these	
D	(xi) Identify the one which is used a	as an Expectorant	
	a) KI	b) CuSO4	
	c) KBr	d) FeSO4	
	(xii) Units of Radioactivity	TI DISCOURSE OF THE STATE OF TH	
	a) Curie	b) Rontgen	
	c) RAD	d) All of these	
11:	(xiii) Identify the component which i	To the state of th	
Trim	(XIII) Identity the component which i		
125	a) Tron	b) Carbon	
	a) Tron c) Vapour (xiv) Example of Radio Opaque Cont	d) Radiation 4	
	(xiv) Example of Radio Opaque Cont	rast media	
	a) MgSO4	b) Bentonite	
	c) BaSO4	d) Kaoline	
	(xv) Silver mirror test is positive for_		
	a) Aldehyde	b) Ketone	
	c) Ethanol	d) Ether	
	(xvi) Which of the following is a syste		
	a) CaCO3	b) KMno4	
	c) NaHCO3	d) None of these	
	(xvii) pH of buffer solution depends u	(S)	
	a) acid (H+-)	b) conjugate base (-OH-)	
	c) salt	d) Both acid (H+-) and conjugate base	(-OH-)
	(xviii) Choose the drug which is used	to Prevent Dental caries	
	a) 1% NaF solution	b) 2% NaF solution	
	c) 3% NaF solution	d) 4% NaF solution	
	(xix) Select the correct option-NaF is	used as	
Si .	a) Dental carries	b) tooth paste	
	c) Desenstizing agent	d) None of these	
	(xx) Which radiation is the most per	The Control of the Co	
	a) Alpha	b) Beta	
	c) Gamma	d) Delta	
	c, damma	d) belta	
		Group-B	
	(Short Answer Type Questions)		5 x 7=3
	271		
	2. Brief on -Protectives, Cathartics, Lax	atives Purgatives	(5)
	3. Write a short note on antacid.		(5)
	 4. Describe in detail about copper sulphate and sodium potassium tartarate. 5. Define isotonic, Hypotonic and Hypertonic solution with example. 6. Describe a short note on Physiological Acid Base balance. 		(5)
			(5)
			(5)
	사용 하는 기업 전에 가는 사용을 가지 않는데 하지 않는데 가장 하지 않는데 하지 않는데 하는데 하지 않는데 하는데 하지 않는데 하는데 하지 않는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하	f NH4Cl as acidifying agents and its properties and uses	
	en un Alberta de secución de la Carl Paris de Salvador Carl de Salvador Carl	OR	N-70
	Distingush Acid and base according		(5)
	8. Define Impurity and state some exa		(5)
	e section a company of the section of the contract of the section	OR	1-1
	Define emetics. Mention the mech	anism of emetics.	(5)

Group-C

(Long Answer Type Questions)

10 x 2=20

- a) What are antidotes -3M? b) Discuss the role of sodium nitrate as an antidote for cyanide (10) poisoning.-7M
- Explain the preparations, properties and uses of any two of the following: a. Ammonium chloride b. Copper Sulphate c. Ferrous Sulphate d. Activated charcoal e. Zinc Sulphate
 OR

a)Explain the Bronsted-Lowry theory. Mention the limitations of Lewis theory. Give an example of two Lewis acid. b) Explain the buffer action of Acidic buffer. What is the principle of limit test of iron?

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