Year and Program: F.Y.B .Pharmacy	School of Pharmaceutical Sciences	Department : Pharmacy
Course Code : BP104T	Course Title : Pharmaceutical Inorganic Chemistry	Semester – SEM-I
Date: 29/5/2024 Day : Wednesday Time: 10:30-1:30	Examination: End Semester Exam BACKLOG	Max Marks: 75

Instructions: 1) All questions are compulsory.

2) Draw a neat labeled diagram if necessary.

Q.1		Objective Type Questions	Marks	Blooms level	CLO
	a	Write a short note on importance of limit test	02	01	CLO1
	b	Define 1)Isotonicity 2) Electrolytes	02	01	CLO2
	c	Write a short note on Dentifrices.	02	01	CLO3
	e	Write the composition of ORS	02	01	CLO1
	f	Give preparation and uses of Sodium Chloride	02	01	CLO2
	g	Give preparation and uses of Calcium Gluconate	02	01	CLO3
	h	Write the reaction involved in limit test for Iron	02	01	CLO4
	i	Write a short note on Pharmacopoeia	02	01	CLO1
	j	Give the reaction involved in limit test of chloride	02	01	CLO3
	k	Define Antacids with suitable examples.	02	01	CLO2

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Q.2		**Long Answers (Answer 2 out of 3)**	**20**		
	a	Explain the measurement of tonicity. What are the methods of adjusting tonicity.	**10**	03	CLO4
	b	Explain the role of fluoride in the treatment of dental caries with reference to sodium fluoride.	10	03	CLO4
	c	Explain the antimicrobial agents in detail with suitable examples.	10	02	CLO2
Q3		**Short Answers (Answer 7 out of 9)**	**35**		
	a	Classify cathartics in detail	05	02	CLO2
	b	Write the principle and reaction involved in: **a)** Limit test for iron **b)** Limit test for chloride	05	02	CLO5
	c	Write a note on astringents with suitable examples.	05	03	CLO4
	d	What are electrolytes. Explain physiological ions with their role.	05	01	CLO5
	e	What is replacement therapy. Explain in detail.	05	01	CLO2
	f	Define acid and base according to: a) Arrhenius theory b) Lowry-Bronsted theory	05	02	CLO3
	g	Define buffers and buffer capacity. Give the applications of buffers.	05	03	CLO4
	h	What is ORS? Give the principle, formula and procedure to prepare ORS.	05	03	CLO4
	i	Explain mechanism of action of antimicrobials.	05	01	CLO2

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