Enrollment No:	 Exam Seat No:	

C.U. SHAH UNIVERSITY

Summer Examination-2020

Subject Name: Pharmaceutical Inorganic Chemistry - Theory
Subject Code: BP104T Branch: B.Pharm

Semester: 1 Date: 02/03/2020 Time: 02:30 To 05:30 Marks: 75

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1		Attempt the following questions:	(20)	
	a)	Give types of impurities.	2	
	b)	Give Lewis Acid-Base Concept.	2	
	c)	Write Buffer equation with examples.	2 2 2	
	d)	Define Cathartics Agents with examples	2	
	e)	Define Half life of Radioactive material.		
	f)	Give method of preparation of sodium iodide.	2	
	g)	Define Expectorants give their mechanism.	2	
	h)	Define Dharmannaia, with its aditions	2	
	i)	Define Pharmacopoeia, with its editions.	2 2	
	j)	Explain Astringents with examples.	4	
Attempt the following questions:				
Q-2		Attempt any two of following:	(20)	
	A	Define Electrolytes, Explain the functions of various Intra and extra cellular	10	
	D	electrolytes	10	
	B	Discuss handling and Pharmaceutical applications of radioactive substances.	10	
	C	Explain in brief main sections of Pharmacopoeia	10	
Q-3		Attempt any Seven of following:	(35)	
	\mathbf{A}	Give a brief on Iodine.		
	B	Write the principal and procedure involve in limit test for Chlorides.	5 5	
	\mathbf{C}	Write down the ideal properties of antacids, what are combination antacids.	5	
	D	Give the method of preparation, properties and assay for Ferrous sulphate.	5	
	\mathbf{E}	Write down the criteria for buffers suitable for used in biological research.	5	
	\mathbf{F}	Give the composition of ORS.	5 5 5 5 5	
	G	Give method of Preparation and Identification test for Boric acid.	5	
	H	Write down the Identification test, medicinal uses and assay procedure of Nacl.	5	
	I	Explain Physiological acid base balance in brief.	5	

