Name: **Enrolment No:**	UPES UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Theory Examination, December 2019

Course: Pharmaceutical Inorganic Chemistry
Semester: I **Program : B.Pharm**
Time 03 hrs.
Course Code: BP104T **Max. Marks: 75**
Instructions:

SECTION A

S. No.	CO	Multiple Choice Questions (20X1) or Objective type Questions (10X2)	Marks
Q1			**20**
i.	CO-1	Define Pharmacopoeia.	2
ii.	CO-1	What are the reagents used for limit test for iron?	2
iii.	CO-2	Write Henderson equation.	2
iv.	CO-3	Write the examples of major physiological ions.	2
v.	CO-3	Define desensitizing agents.	2
vi.	CO-2	What is composition of acetate buffer?	2
vii.	CO-4	What are different types of purgatives?	2
viii.	CO-5	What are uses of ammonium chloride?	2
ix.	CO-5	What are reagents used for assay of copper sulphate?	2
x.	CO-6	Why it is essential to take precautions for storage of radiopharmaceuticals?	2

SECTION B

Long Answers (Answer two out of 3) 2X10			**20**
Q2			
i.	CO-2	Explain buffers, buffer capacity, isotonicity, and any one method for adjusting isotonicity.	10 (2+2+2+4)
ii.	CO-3	What is physiological acid-base balance? Write a note on use and assay of Sodium chloride.	10 (3+2+5)
iii.	CO-4	Write the use, method of preparation, properties and assay of hydrogen peroxide.	10 (1+2+2+5)

SECTION C

Short Answers (Answer 7 out of 9) 7X5			35
Q3			
i.	CO-1	Describe limit test for sulphates.	5
ii.	CO-1	Write Salient features of IP 2018.	5
iii.	CO-3	Explain use, composition, and method of preparation of Zinc eugenol cement.	5 (1+2+2)
iv.	CO-4	Classify and describe different laxatives, with examples.	5
v.	CO-5	Highlight the uses, preparation and properties of Antimony tartarate.	5 (1+2+2)
vi.	CO-4	Explain use, preparation, and properties of chlorinated lime.	5 (1+2+2)
vii.	CO-5	Write a note on assay of sodium thiosulphate?	5
viii.	CO-5	Describe use, method of preparation method and properties of Zinc sulphate.	5 (1+2+2)
ix.	CO-6	What is radioactivity, and how to measure it?	5 (2+3)
		Total	**75**