

C.U.SHAH UNIVERSITY

Summer Examination-2017

Subject Name: Pharmaceutical Chemistry-I (Inorganic)

Subject Code: 4PS01PCH1

Branch: B.Pharm.

Semester: 1

Date: 24/03/2017

Time: 10:30 To 01:30

Marks: 70

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.	(14)
a)	Write one use of Hydrogen peroxide.	1
b)	Write one example of Emetics.	1
c)	Define respiratory stimulants.	1
d)	Write one example of Antidotes.	1
e)	Write one use of Sedatives with example.	1
f)	Write one use of Preservatives with example.	1
g)	Define Official drug.	1
h)	Write the formula of limestone.	1
i)	Write one use of potassium permanganate	1
j)	Define Physiological buffer.	1
k)	Define astringents.	1
l)	Define haematinics.	1
m)	Define impurities.	1
n)	Write one example of Diluents.	1

Attempt any four questions from Q-2 to Q-8

Q-2	Attempt all questions	(14)
A	Write a note on Acid-Base theory. Explain Bronsted-Lowry theory.	7
B	Write a detailed note on Limit test for Arsenic.	7
Q-3	Attempt all questions	(14)
A	Classify Antacids with suitable examples. What are the ideal properties of Antacids?	7
B	What is Buffer? Write about the different types of physiological Buffer.	7
Q-4	Attempt all questions	(14)
A	Write a detailed note on Limit test for Heavy metals.	7
B	Derive equation for finding pH of Buffers.	7



Q-5	Attempt all questions	(14)
A	Write the preparation, properties and uses of Na_2CO_3 and AgNO_3 ?	7
B	Write classification of cathartics and explain their mechanism of action.	7
Q-6	Attempt all questions	(14)
A	What are the various sources of impurities? Write in brief.	7
B	Write a short note on Oral Rehydration Salt.	7
Q-7	Attempt all questions	(14)
A	Discuss the various hazards and precautions during handling various radio pharmaceuticals.	7
B	What are the instruments used for measuring radioactivity? Write a note on Geiger Muller counter.	7
Q-8	Attempt all questions	(14)
A	Write in detail about various Anti-infective used as topical agents.	7
B	Write in detail about essential and Trace Elements.	7

