

FACULTY**Pharm D (6-YDC) I-Year (Instant) Examination, February 2020****Subject : Pharmaceutical Inorganic Chemistry****Time: 3 Hours****Max. Marks: 70****Note:** Answer all Questions from Part-A, Answer any Five Questions from Part-B.**PART- A (10x2 = 20 Marks)**

- 1 Define accuracy & precision.
- 2 Explain primary standard.
- 3 Define P^H indicators and give 2 examples of P^H indicators.
- 4 Outline the Principle involved in mohr's method with equation.
- 5 What are the uses of magnesium stearate.
- 6 Define error classify the various types of error.
- 7 What are masking and demasking agents
- 8 Define cathartics and expectorants
- 9 How will you prepare 0.1N NaOH
- 10 List the radiopharmaceuticals and their uses

PART- B (5x10 = 50 Marks)

- 11 Explain in detail the neutralization curve for the following Titrations with calculation of equivalence point. 5+5
 - a) Strong acid – strong base
 - b) Weak acid – strong base
- 12 Explain the principle and procedure involved in the limit test of 5+5
 - a) Chlorides
 - b) Lead
- 13 Write the preparation, properties, assay and uses of sodium chloride in replacement therapy 10
- 14 Define essential trace elements and list out the various essential trace elements. Write the physiological uses of copper and iodine (2+2+6)
- 15
 - a) Write about the method of preparation, assay and uses of calcium gluconate 6
 - b) Classify antacids 4
- 16 Explain the various steps involved in gravimetry with one example 10
- 17
 - a) Write the preparation and uses of ammonium chloride & Nitrous Oxide (2+2)
 - b) Explain the various solvents used in non aqueous titrations 6
- 18 Define antidote. Write the method of preparation, uses and mechanism of action of any two antidotes. 10

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