

Code No. 1.5

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Pharm D I Year Regular Examinations, April/May - 2017

PHARMACEUTICAL INORGANIC CHEMISTRY

Time: 3 hours

Max. Marks: 70

Answer any five questions

All questions carry equal marks

1.a) What are different types of errors in analysis? State the difference between accuracy and precision.

b) What is meant by volumetric analysis? Write its importance in pharmacy. [7+7]

2.a) What do you mean by Redox titrations? Write briefly about the method involved in Mohr's method of analysis.

b) Write the applications of non-aqueous titrations in pharmacy. [7+7]

3.a) What are Complexometric titrations? Discuss the indicators used in this titrations.

b) Discuss the experimental techniques of gravimetric analysis. [7+7]

4.a) What do you mean by limit tests? Write the limit test carried out for the estimation of arsenic.

b) What are medicinal gasses? Write briefly on the different medicinal gasses used in pharmacy. [7+7]

5.a) Define Antacids? Write the method of preparation, uses and assay of Magnesium hydroxide?

b) Explain Electrolyte combination therapy with examples. [7+7]

6.a) What are Pharmaceutical aids? Write the preparation and assay of Aluminium sulphate.

b) Write briefly on different antimicrobial agents with examples. [7+7]

7.a) What do you mean by Dentrifrices. Discuss the method of preparation and assay of dibasic calcium phosphate.

b) What are the different Radiosotopes used in pharmacy? Write the handling and storage of radioactive materials. [7+7]

8.a) Write short notes on antineoplastic agents. Write the uses of cis-platin.

b) Define acidifiers and trace elements? Write the biological role of iron. [7+7]

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