

Code No: PH1

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**Pharm.D I Year Supplementary Examinations, October/November - 2019****PHARMACEUTICAL INORGANIC CHEMISTRY****Time: 3hours****Max.Marks:70**

Answer any five questions
All questions carry equal marks

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1. What are errors? Classify them with examples. Write in detail on methods for reducing errors in pharmaceutical processes. [14]
2. Write short notes on:
a) Theory of indicators
b) Iodimetry. [7+7]
3. What are antacids? Classify them with examples. Write the ideal characteristics of an antacid. [14]
4. Explain the principle, procedure and significance of limit test for:
a) Heavy metals
b) Iron. [7+7]
5. Write short notes on:
a) Saline cathartics
b) ORS solution. [7+7]
- 6.a) What are medical gases? Write in detail on oxygen.
b) Write a note on desensitizing agents as dental products. [7+7]
7. What are non-aqueous titrations? Write in detail on solvents and reagents in non-aqueous titrations. [14]
8. Write a note on types of radioactive rays and their medical applications. Explain the methods for measurement of radioactivity. [14]

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