

[LB 805]

OCTOBER 2012

Sub. Code: 3805

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**FIRST YEAR****PAPER V – PHARMACEUTICAL INORGANIC CHEMISTRY***Q.P. Code: 383805***Time: Three Hours****Maximum: 100 marks****Answer ALL questions in the same order.****I. Elaborate on :**

Pages (Max.)	Time (Max.)	Marks (Max.)
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| 1. a) Explain about the dental products that have studied? | | | |
| b) Give the preparation, Identification tests, assay and medicinal uses of any two antacids. | 17 | 40 min. | 20 |
| 2. a) Explain the principle involved in nonaqueous titrations. | | | |
| b) Write the preparation and standardisation of perchloric acid. | 17 | 40 min. | 20 |
| c) Types of errors in quality control. | | | |

II. Write notes on :

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| 1. Write the various steps involved in Gravimetry analysis. | 4 | 10 min. | 6 |
| 2. Explain about the Expectorants. | 4 | 10 min. | 6 |
| 3. Describe the theory of indicators. | 4 | 10 min. | 6 |
| 4. Write about the Cathartics. | 4 | 10 min. | 6 |
| 5. What is Ceriometry and mention about its advantages? | 4 | 10 min. | 6 |
| 6. Write the Clinical applications of radiopharmaceuticals with examples. | 4 | 10 min. | 6 |
| 7. Explain about the Masking and Demasking agents. | 4 | 10 min. | 6 |
| 8. Write the preparation, assay and uses of chlorinated lime. | 4 | 10 min. | 6 |
| 9. Give the principle involved in Modified Volhard's method. | 4 | 10 min. | 6 |
| 10. Write a note on Dentifrices. | 4 | 10 min. | 6 |
