

VINAYAKA MISSION'S RESEARCH FOUNDATION
(Deemed to be University) , SALEM

B.PHARM. DEGREE EXAMINATION – October 2021
First Semester

PHARMACEUTICAL INORGANIC CHEMISTRY - II

Time : Three hours

Maximum: 75 marks

I. Write essays on any **TWO** questions: (2 x 10 = 20)

1. Define radioactivity. How to measure the radioactivity and explain the storage condition and precaution to be followed by handling radioactive substances.
2. Classify antacid and write note on acid neutralizing capacity of aluminium hydroxide gel. Give the preparation and uses of any one antacid.
3. Give the principle and reaction involved in the limit test for arsenic with neat diagram of apparatus used for it.

II. Write short answers on any **SEVEN** questions: (7 x 5 = 35)

4. Write the preparation assay and uses of calcium gluconate.
5. What are antidotes? Give the preparation properties assay and uses of sodium thiosulphate.
6. Define Pharmacopeia. Short note on IP.
7. Describe briefly about physiological acid base balance.
8. Write about preparation, properties, assay and uses of ferrous sulphate.
9. Explain the methods for adjusting isotonicity.
10. Write about preparation, properties, assay and uses of H₂O₂.
11. Write a note on oral antiseptics and astringent with example.
12. Write a note on emetics. Write preparation, assay and uses of copper sulphate.

III. Write short notes on : (10 x 2 = 20)

13. Define expectorants and given an example.
14. Define Monograph.
15. Write a note on alum.
16. Composition of ORS.
17. Chlorinated lime.
18. Osmotic laxative.
19. Role of fluoride in dental cavities.
20. Define cathertics and give an example.
21. Define intercellular compartment.
22. Define denttrifrices.