

Sl.No: M21907

Course Code : 27018105

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

**B.PHARM. (Practice) EXAMINATION – October 2019**  
**First Year**

**APPLIED PHARMACEUTICS**

Time : Three hours

Maximum: 60 marks

I. Answer any **THREE** questions : **(3 x 10 = 30)**

1. Explain Bioavailability and measurement methods.
2. Explain in detail storage and packaging requirements.
3. Explain Phase I drug metabolism.
4. Factors affecting renal excretion.

II. Answer any **FOUR** questions : **(4 x 5 = 20)**

5. Stability testing
6. Factors affecting drug distribution
7. Phase II drug metabolism
8. Basics of GMP
9. Different types of Dosage forms.

III. Answer ALL questions: **(5 x 2 = 10)**

10. What is QA/QC?
11. Volume of distribution.
12. Prodrug
13. NTI Drug
14. Drug transporters.

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