

Sl.No: M21288

Course Code : 27018105

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

**B.PHARM. (Practice) DEGREE EXAMINATION – October 2021
First Year
APPLIED PHARMACEUTICS**

Time : Three hours

Maximum: 60 marks

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

1. Explain the factors affecting drug absorption and give detailed note on absorption of drugs from extra vascular routes .
2. Explain the factors affecting drug distribution in detail.
3. Factors affecting biotransformation of the drugs.
4. Factors affecting bioavailability.

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

5. Factors affecting drug absorption.
6. Volume of drug distribution.
7. Phase I reactions.
8. Non renal routes of drug excretion.
9. Bioequivalence studies.

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

10. What is GMP and GLP?
11. What are the instruction to be given to patients while using infusionpumps?
12. Define Pro drugs.
13. Importance of NTI drugs.
14. Drug transporters.
