

[LL 2119]

OCTOBER 2017

Sub. Code: 2119

M.D. (SIDHA) DEGREE EXAMINATION

SECOND YEAR

BRANCH I – MARUTHUVAM

**PAPER II – INTRODUCTION TO PHARMACOLOGY WITH
THERAPEUTIC EMPHASIS**

Q.P. Code : 322119

Time: Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the movement of drug in the body and the factors influencing drug absorption by giving suitable examples.
2. Classify antihypertensive drugs and write briefly about the pharmacological actions of Calcium channel blockers and how will you evaluate the drugs used as hypertension.

II. Short Notes:

(10 x 6 = 60)

1. Write briefly about the significance and the factors influencing plasma half-life.
2. Write a note on:
a) Drug synergism b) Drug antagonism.
3. Discuss briefly about the adverse drug reactions with suitable examples.
4. Write a short on following:
a) Actophotometer b) Plethysmograph.
5. Write briefly about the therapeutic uses of Proton pump inhibitors.
6. Describe any two experimental methods to evaluate anti-inflammatory drugs.
7. Write a short note on the mechanism of action of Phenytoin.
8. Discuss in detail about the limitations of animal tests with suitable examples.
9. Write any two experimental methods to evaluate the drug used as cardiotonics.
10. Write any two experimental methods to evaluate the drug used as an anti-histamines.
