

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MD(SIDDHA) 0321]

MARCH 2021

Sub. Code: 3118

(OCTOBER 2020 EXAM SESSION)

M.D. (SIDDHA) DEGREE EXAMINATION

THIRD YEAR

BRANCH II - GUNAPADAM

PAPER IV – ESSENTIALS IN PHARMACOLOGY

Q.P. Code : 323118

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Bioassay and describe in detail about the principles and methods of bioassay by giving suitable examples.
2. Classify Antiepileptics and explain the pharmacological actions and therapeutic uses of Phenytoin with suitable examples.

II. Write notes on:

(10 x 6 = 60)

1. Write briefly about the different sources of drugs with suitable examples.
2. Write a note on the advantages and disadvantages of Intravenous drug administration.
3. Write a note on the following:
 - a) Bioavailability.
 - b) Enzymatic receptors.
4. Discuss briefly about adverse drug reactions giving examples.
5. What are the different techniques of blood collection from animals?
6. Discuss any two methods of evaluation of anti-hypertensive agents.
7. Write about any two methods of evaluation of anti-diarrhoeal agents.
8. Write down any two methods used to evaluate anti-anxiety agents.
9. Discuss about the limitations of animal studies in the field of pharmacology.
10. Write a short note on the following:
 - a) Chronic toxicity studies.
 - b) Cohort study.
