

[LP 2164]

OCTOBER 2019

Sub. Code: 2164

M.D. (SIDHA) DEGREE EXAMINATION

SECOND YEAR

BRANCH VI – NANJU NOOLUM MARUTHUVA NEETHI NOOLUM

PAPER III – EXPERIMENTAL PHARMACOLOGY

Q.P. Code :322164

Time: Three Hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe a model to investigate a drug acting as:
 - a) Diuretics.
 - b) Anti-fertility agent.
 - c) Cognitive enhancer.
 - d) Cardiotonic.
2. Discuss in detail about the various drug transport mechanism and factors affecting the drug absorption.

II. Short Notes on:

(10 x 6 = 60)

1. Explain the terms acute, sub-acute and chronic toxicity studies in preclinical research.
2. Write a brief account on adverse drug reactions.
3. Write a short note on acetic acid induced writhing test.
4. Explain one screening procedure for antihypertensive drugs.
5. Write a note on limitation of animal tests.
6. Give a brief note on MPTP induced Parkinsonism.
7. Write a note on drug induced ulceration in rats.
8. Write a note on charcoal meal test.
9. Write a note on spontaneously diabetic rat.
10. Give a brief account on MES seizures.
