

[LO 2164]

MAY 2019

Sub. Code: 2164

M.D. (SIDDHA) 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. Discuss and describe the importance of the following techniques:
 - a) Water maze test.
 - b) DOCA salt induced hypertension.
 - c) Pentylenetetrazole induced convulsion.
 - d) Cotton pellet granuloma test.
2. Discuss about the acute, sub acute and chronic toxic studies in drug development.

II. Short Notes on:

(10 x 6 = 60)

1. Explain one animal models used in the screening of anti-depressants.
2. Discuss pylorus ligated ulceration model.
3. Write short notes on Biotransformation.
4. Explain the following terms:
 - a) Tachyphylaxis
 - b) Drug allergy
5. Write a brief note on yeast induced pyrexia.
6. Write a note on carcinogenicity and mutagenicity.
7. Explain streptozotocin induced diabetes.
8. Describe one screening procedure for skeletal muscle relaxants.
9. Write one method for screening of drugs useful in arrhythmia.
10. Write a note on Elevated plus maze test.
