

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

**[MD(SIDDHA) 0222]**

**FEBRUARY 2022  
(OCTOBER 2021 EXAM SESSION)**

**Sub. Code: 3113**

**M.D. (SIDDHA) DEGREE EXAMINATION  
THIRD YEAR - (For the candidates admitted from 2017-2018 onwards)  
BRANCH I - POTHU MARUTHUVAM  
PAPER III – INTRODUCTION TO PHARMACOLOGY WITH THERAPEUTIC EMPHASIS  
Q.P. Code : 323113**

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Classify NSAIDS and discuss in detail about pharmacological actions and therapeutic uses of Salicylates.
2. Discuss elaborately about different routes of drug administration and mention its advantages and disadvantages with suitable examples.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Describe in brief the different sub-divisions of pharmacology.
2. Write a short notes on the following:
  - a) Drug synergism.
  - b) Drug antagonism.
3. Discuss briefly about
  - a) Special drug delivery system.
  - b) Passive transfer of drugs.
4. Write short notes on the following:
  - a) Biological half-life.
  - b) Drug receptor.
5. Write briefly about the therapeutic uses of ACE Inhibitors.
6. Describe any two experimental methods to evaluate anti-inflammatory drugs.
7. Mention the therapeutic uses of Benzodiazepines with suitable examples.
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 anti-histamines.

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