

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

[MBBS 0723]

JULY 2023

Sub. Code :5061

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

SECOND YEAR

PAPER I – PHARMACOLOGY – I

Q.P. Code: 525061

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10 = 10)**

1. Enumerate drugs acting on opioid receptors. Explain in detail about the mechanism of action, uses and adverse effect of morphine.

II. Write notes on: **(6 x 4 = 24)**

1. Discuss the methods of prolongation of drug action.
2. Write short notes on centrally acting muscle relaxants.
3. Write in detail about the pharmacological actions and uses of atropine and its substitutes.
4. List out the drugs that inhibit renin-angiotensin system. Write their indications and contraindications.
5. Explain the pharmacological basis of benzodiazepines as anti epileptic drug.
6. Discuss the treatment of alcohol dependence.

III. Short answers on: **(6 x 1 = 6)**

1. What is plasma half life?
2. Write about nasal decongestants.
3. Write the dose dependant actions of aspirin.
4. Write four uses of Fibrinolytics.
5. Cheese reaction.
6. Write the mechanism of action of Amiodarone.
