

[MBBS 0921]

**SEPTEMBER 2021
(FEBRUARY 2021 SESSION)**

Sub.Code :5061

**M.B.B.S. DEGREE EXAMINATION
SECOND YEAR
PAPER I – PHARMACOLOGY – I**

Time: Three hours

Q.P. Code: 525061

Maximum : 40 Marks

Answer All Questions

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

1. A patient is brought to the emergency medicine dept with symptoms suggestive of Organo Phosphorous Compound (OPC) poisoning.
 - a. What is the antidote for the above poisoning?
 - b. Write in detail on receptor antagonism with suitable diagram.
 - c. Write briefly on cholinergic crisis in Myasthenia Gravis.

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

1. Write Mechanism of action, therapeutic uses of newer antiepileptic drugs.
2. Uses, adverse effects of Angiotensin Converting Enzyme (ACE) Inhibitors.
3. Discuss the clinical significance of plasma protein binding with examples?
4. Therapeutic uses of beta blockers and contraindications.
5. Therapeutic uses of fibrinolytic drugs.
6. Antitussives.

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

1. Define pharmacogenetics, discuss with three examples.
2. Rationale of Levodopa Carbidopa fixed drug combination.
3. Enumerate direct oral anticoagulants.
4. Define pharmacovigilance.
5. Give three examples each for drugs with long and very short half life.
6. Drugs used in treatment of alzheimers disease.
