

[LR 544]

NOVEMBER 2020
(AUGUST 2020 SESSION)

Sub.Code :5061

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

Q.P. Code: 525061

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2 + 5 + 3 = 10)

1. A 45 year old male patient is brought to the emergency with c/o seizure episode associated with loss of consciousness. He is a known epileptic for past 2 years with history of recurrent tonic clonic seizures.
 - a. Enumerate the drugs used in treatment of Epilepsy.
 - b. Discuss in detail the pharmacology of Valproic acid.
 - c. Write briefly on the management of Status Epilepticus.

II. Write notes on:

(6 x 4 = 24)

1. Intracellular receptors.
2. Pressor agents.
3. Mechanism of action, adverse effects and uses of Digoxin.
4. Role of Biologics in Rheumatoid Arthritis.
5. Inhalational Steroids.
6. Depolarising Neuromuscular blockers.

III. Short answers on:

(6 x 1 = 6)

1. Give 2 examples of physical Antagonism.
2. Write the mechanism of action and 2 major uses of Frusemide.
3. Enlist the advantages of Low Molecular Weight Heparin over conventional Heparin.
4. Enumerate Opioid Antagonists and their clinical uses.
5. Mention any 4 Potassium channel openers and 4 uses of these drugs.
6. Nephilysin Inhibitors.
