

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

[MBBS 0224]

FEBRUARY 2024

Sub. Code :5062

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted up to the Academic Year 2018-2019)

SECOND YEAR

PAPER II – PHARMACOLOGY II

Q.P. Code: 525062

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. 40 years old male comes to hospital with complaints of increased thirst, frequent urination extreme hunger and unexplained weight loss. Blood analysis was done and fasting and post prandial blood sugar values were high. He was diagnosed to have Type II Diabetes mellitus.
 - a) Classify oral antidiabetic drugs.
 - b) Discuss the mechanism of action of Sulfonylureas.
 - c) Enumerate the Insulin preparations.
 - d) Discuss the management of diabetic Ketoacidosis.

II. Write notes on:

(6 x 4 = 24)

1. Describe the clinical applications of selective estrogen receptor modulators.
2. Enumerate uses of Ivermectin.
3. Drug therapy in multi bacillary leprosy.
4. Discuss the mechanism of action and adverse effects of Metoclopramide.
5. Describe the drugs used in prophylaxis of Malaria.
6. Discuss the uses and adverse effects of Cyclophosphamide.

III. Short answers on:

(6 x 1 = 6)

1. Mention the local adverse effects of Topical steroids.
2. Mention drugs used in therapy of Hepatitis B Infection.
3. Mention two uses and two adverse effects of Tacrolimus.
4. Uses of Metronidazole.
5. Mention drugs used in Gastro oesophageal reflux disease.
6. Mention two non opioid Antitussives.
