

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

(D.DIAB. 0522)

MAY 2022

Sub. Code: 3073

DIPLOMA IN DIABETOLOGY (D.DIAB) EXAMINATION

RECENT ADVANCES IN DIABETOLOGY

Q.P. Code: 343073

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Classify oral antidiabetic drugs. Discuss in detail the mechanism of action, indications, therapeutic benefits and adverse effect of SGLT2 inhibitors.
2. Describe in detail the prevalence, etiology, clinical features and recent trends in the management of T2DM in children.

II. Write notes on:

(10 x 7 = 70)

1. Stem Cell Therapy.
2. Lorcaserine – Current status.
3. Weekly Therapy of Diabetes.
4. Metabolic endotoxemia.
5. Recent developments in Glucagon therapy.
6. Precision Medicine in Diabetes.
7. Counterpoint Study.
8. Ultrafast Insulin.
9. VERIFY trial.
10. Clucocrinology.
