

**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. What are the current concepts about the role of glucagon in the aetiopathogenesis of Diabetes Mellitus? Discuss some novel therapeutic modalities involving glucagon metabolism.
2. Discuss the recent ADA and other international guidelines for management of diabetes and briefly discuss the therapeutic considerations involving the choice of the second drug after metformin.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Obstructive sleep apnoea in diabetes.
2. Diabetes management strategies targeting kidneys.
3. Pancreas transplantation for diabetes.
4. NASH in diabetes.
5. Diabetes management in renal failure.
6. G- Protein –coupled receptor 40 (GPR 40) modulators.
7. Diabetes and cancer.
8. Tissue targeted modified insulins.
9. Pramlintide.
10. Dual PPAR agonists.

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