

**QP Code: 101518**

**Reg. No: .....**

**D.M. (Endocrinology) Degree Regular/Supplementary Examinations  
November 2023**

**Paper I – Basic Sciences related to Endocrinology**

**Time: 3 hrs**

**Max marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Biological Rhythms in endocrinology

**Short essays:**

**(8x10=80)**

2. Genetic testing to predict Type 2 diabetes
3. Advanced glycation end products
4. Adrenal venous sampling
5. Bone–fat interaction
6. Genetic disorders of parathyroid development and function
7. Principles and pitfalls of free hormone measurements
8. Immunopathogenesis of Graves' ophthalmopathy
9. Hook Effect

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