

QP Code:104103

Reg.No.:.....

**PG Degree Supplementary Examinations in Biochemistry (MD) -
November 2017**

Paper IV - Clinical Biochemistry & Endocrinology

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays: (20)

1. Classify hormones. Describe the general mechanism of action of hormones.

Short essays: (8x10=80)

2. Enumerate the analytical errors commonly encountered in the clinical laboratory
3. Hemoglobinopathies
4. Explain various biochemical and calculated methods to determine GFR
5. What are the causes, biochemical manifestations and compensatory mechanisms of metabolic acidosis
6. Mechanism of action and physiological significance of neuromodulators
7. Hypokalaemia
8. Biochemical approach to investigate sub fertility in women
9. Glycogen storage diseases
