

**QP Code:104103**

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

**PG Degree Regular/Supplementary Examinations in Biochemistry  
(MD) May 2022**

**Paper IV - Clinical Biochemistry & 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. Classification and mechanism of action of Hormones

**Short essays:**

**(8x10=80)**

2. Porphyrrias and laboratory evaluation
3. Biomarkers and its role in assessment of chronic kidney diseases
4. Hormones influencing blood sugar level and their mechanism of action
5. Role of creatinine kinase, lactate dehydrogenase, D-dimer, ferritin and procalcitonin in COVID-19 management
6. Classification and Evaluation of glycogen storage diseases
7. Delta check and its applications
8. Algorithm in evaluation of female infertility
9. Strategies for selection of reference individuals

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