

**QP Code:104103**

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

**PG Degree Examinations in Biochemistry (MD) April 2019**

**Paper IV - Clinical Biochemistry & Endocrinology**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. How will you classify jaundice. Describe the liver function tests.

**Short essays:**

**(8x10=80)**

2. Ketosis

3. Amino-acidurias

4. Composition and analysis of renal calculi

5. Accuracy and precision

6. Cerebrospinal fluid analysis

7. Advances in renal assessment

8. Hypothalamo-pituitary-adrenal axis

9. Guidelines for the diagnosis and management of diabetes mellitus

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