

QP Code:104103

Reg.No.:.....

**PG Degree Supplementary Examinations in Biochemistry (MD) -
November 2016**

Paper IV - Clinical Biochemistry & Endocrinology

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. What is automation of clinical laboratory. Discuss the sections in a clinical laboratory that can be automated.

Short essays: (8x10=80)

2. Biochemical analysis of CSF and its interpretation.
3. Non-alcoholic fatty liver disease.
4. Interpretation of thyroid function tests
5. Biochemistry and metabolism of cytokines
6. Endocrine changes in pregnancy
7. Justify “ Bone is a dynamic tissue”
8. Disorders associated with tyrosine metabolism
9. Investigations for dyslipidemias and its interpretation
