

QP Code:104110

Reg.No.:.....

**PG Degree Supplementary Examinations in Pathology (MD) –
November 2013**

Paper IV - Recent Advances and Applied Aspects

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Explain the applications of proteomics in lab diagnosis

Short Essays:

(8x10=80)

2. Gene expression profiling in breast cancer
3. Molecular mechanisms in prion pathogenesis
4. In situ hybridization in pathology
5. DNA microarray studies
6. Current concepts in amyloidogenesis
7. Endocrine functions of adipose tissue
8. Retinoic acid receptors in cancer
9. Microalbuminuria
