

QP Code:104110

Reg.No.:.....

**PG Degree Supplementary Examinations in Pathology (MD) –
November 2016**

Paper IV - Recent Advances and Applied Aspects

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Mechanisms of autoimmunity – New concepts of the pathogenesis of neurodegenerative diseases. Discuss its therapeutic implications.

Short Essays:

(8x10=80)

2. Micro RNAs in cancer
3. EGFR mutations and lung cancer.
4. Polymerase chain reaction in pathology
5. Gene therapy
6. Thin preparation cytology
7. Genomic imprinting
8. Urine cytology in renal transplant
9. Prognostic factors in carcinoma breast
