

**QP Code:101110**

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

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

**Paper I – General Pathology, Pathophysiology, Immunopathology and  
Cytopathology**

**Time: 3 hrs**

**Max marks:100**

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

**Essays:** (20)

1. Explain in detail about cell cycle and the regulation of cell replication.

**Short Essays:** (8x10=80)

2. Discuss the application of exfoliative cytology in the early detection of cancers of female genital tract.
3. Discuss the mechanisms of rejection of renal allograft.
4. Discuss the pathogenesis of ageing.
5. Discuss in detail about anti phospholipid antibody syndrome.
6. Discuss about the immune pathology of leprosy.
7. Discuss in detail about injury by alcoholism.
8. Explain growth factors and receptors involved in angiogenesis.
9. Discuss the mechanism and biology of tumour invasion and metastasis.

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