

**QP Code:101110**

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

**PG Degree Examinations in Pathology (MD) - November 2012**

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

**Time: 3 hrs**

**Max marks:100**

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

**Essays:**

**(20)**

1. Pathogenesis of septic shock - Mention the different etiological agents causing septic shock and the mechanisms. Describe the histopathological changes seen in septic shock. Discuss the "cytokine cascade" in sepsis. (4+10+6=20)

**Short Essays:**

**(8x10=80)**

2. Free radicals
3. Cell mediated hypersensitivity reactions
4. Para neoplastic syndromes
5. CNS lesions in AIDS
6. Chemical carcinogenesis
7. Proto oncogenes
8. Pneumoconiosis
9. Lysosomal storage disorders

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