

120-NR

M.D. DEGREE EXAMINATION – APRIL, 2013

PATHOLOGY

Paper-I : General Pathology

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions  
All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Describe the role of free radicals in cell injury.
  2. What are chemokines? What is their role in inflammation?
  3. Discuss Tay-Sachs disease
  4. Enumerate the opportunistic infections and neoplasms found in patients with HIV infection.
  5. What is the role of WNT signaling pathway in carcinogenesis?
  6. Write the pathophysiology and complications of thromboembolism.
  7. Write about the pathogenesis of immune complex mediated tissue injury.
  8. Discuss the pathogenesis of septic shock
  9. Describe the mitochondrial pathway of apoptosis
  10. Write about the role of cyclins in cell cycle transition
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