

Q.P. Code: 203001**Reg. no.:**

Second Professional MBBS Degree Examinations, February 2016

Clinical Pathology and General Pathology - Paper I**Time: 2 Hours****Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

Essay: (8)

1. Define necrosis. Describe the various types of necrosis with suitable examples. How does it differ from apoptosis. (1+4+3=8)

Short essay: (6)

2. A 14 years old boy presented with fever, cervical lymphadenopathy, rashes, mild hepatomegaly. No bleeding manifestation. TC: 20,000 cell/mm³; predominantly lymphocytes in peripheral blood. Answer the following:
 - What is your provisional diagnosis
 - What are the confirmatory tests
 - What is the complication
 - What is the etiologic agent(1+2+2+1=6)

Short notes: (4x4=16)

3. Spleen in amyloidosis
4. Radiation and cancer
5. Metaplasia
6. Dystrophic calcification

Answer briefly: (4x2=8)

7. Thromboembolism
8. Erythrocyte sedimentation rate.
9. Healing by secondary intention
10. Chemotaxis

Answer in single sentence: (4x½=2)

11. Define gangrene
12. Principle of Benedict's test
13. Draw Langhan's giant cell.
14. Normal reticulocyte count.
