

**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/mm<sup>3</sup>; 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:** (4x1/2=2)

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

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