



**Q.P. Code: 204001**

**Reg. no.: .....**

Second Professional MBBS Degree Supplementary Examinations,  
September 2013

**Hematology and Systemic Pathology - Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay: (8)**

1. Classify tumors of stomach. Describe the etiopathogenesis of carcinoma stomach. Describe the gross and microscopic features of carcinoma stomach and explain its modes of spread. (1+3+4=8)

**Short essay: (6)**

2. A 15 years old boy was admitted for severe hemorrhage after trauma. On examination he had haemarthrosis of large joints and muscle hematomas. Some of the family members have similar clinical manifestations. Answer the following:
  - What is the provisional diagnosis.
  - Which are the four lab investigations to be done to confirm the diagnosis. Explain the changes in these investigations expected in this patient
  - What is the pathogenesis of this disease. (1+3+2=6)

**Short notes: (4x4=16)**

3. Etiopathogenesis of ulcerative colitis
4. Leukemoid reactions
5. Ewing's sarcoma
6. Wilm's tumor

**Answer briefly: (4x2=8)**

7. Enzyme study in acute myocardial infarction
8. What are the types of nephrolithiasis
9. What is the pathogenesis of osteoarthritis
10. What is the pathogenesis of type I diabetes mellitus

**Answer in single sentence: (4x1/2=2)**

11. Name two premalignant lesions of carcinoma cervix
12. Reed – sternberg cell
13. Atheroma of aorta
14. Name two glial tumors

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