



**Q.P. Code: 204001**

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

**Second Professional MBBS Degree Supplementary Examinations,  
August 2017**

**Hematology and Systemic Pathology - Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay: (8)**

1. Define acute leukemia. Classify acute myeloid leukemia. Indicate the importance of cytogenetics in acute myeloid leukemia. Draw the blood picture in acute promyelocytic leukemia. (1+3+3+1)

**Short essay: (6)**

2. A 49 years old male complaints of abdominal pain after taking food. He has a previous history of hematemesis. Answer the following
  - Indicate two differential diagnosis in this patient
  - Mention the diagnostic test which may be useful in this patient
  - Enumerate two etiological factors that can be implicated in this case
  - Discuss briefly the progress of this disease, if untreated. (1+2+1+2)

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

3. Types of Hodgkin's lymphoma
4. Morphology of Crohns disease
5. Pathogenesis of gout
6. Benign tumors of bone

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

7. Pap smear
8. Myeloma kidney
9. Duct cell carcinoma in situ of breast
10. Leukemoid reaction

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

11. Heinz bodies
12. Mention two precancerous lesions of penis
13. Mallory bodies
14. Mention two types of meningiomas

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