

**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
