

Q.P. Code: 204001

Reg. No.:

**Second Professional MBBS Degree Regular/Supplementary
Examinations February 2020
Hematology and Systemic Pathology - Paper II**

Time: 2 Hours

Total Marks: 40

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (8)

1. Classify tumors of the testis. Discuss the etiopathogenesis and describe the gross and microscopic picture of the most common malignant tumor of the testis. (3+2+3)

Short essay: (6)

2. A two years old female child presented with pallor, growth retardation and history of repeated transfusions. There was malocclusion of jaws with skull X ray showing "hair on end appearance" and hepatosplenomegaly. Answer the following

- What is your diagnosis
- What is the etiopathogenesis of this condition
- What are the peripheral smear findings
- What are the bone marrow findings (1+2+2+1)

Short notes: (4x4=16)

3. Bone marrow findings in megaloblastic anemia
4. Malignant tumors of bone
5. Inflammatory bowel disease
6. Types of aneurysms

Answer briefly: (4x2=8)

7. Packed cell volume
8. Cervical intraepithelial neoplasia
9. Gall stones
10. Diabetic nephropathy

Answer in single sentence: (4x½=2)

11. Mention two premalignant lesions of skin
12. Barrett esophagitis
13. Define early gastric cancer
14. Paget's disease of nipple
