

**2010 Scheme****Q.P. Code: 204001****Reg. No.: .....****Second Professional MBBS Degree Supplementary Examinations  
March 2024****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. Define and classify myeloproliferative neoplasms. Discuss the clinical features and laboratory diagnosis of chronic myeloid leukaemia. **(1+2+2+3)**

**Short essay:****(6)**

2. A 62-year-old cachectic postmenopausal female presented to the Gynaecology clinic with a history of bleeding per vagina. Per speculum examination showed an ulceroproliferative growth involving the cervix which bleeds on touch along with foul smelling vaginal discharge.
  - a) What is the most probable diagnosis.
  - b) Discuss the aetiopathogenesis of this condition.
  - c) Briefly describe the methods of screening for this lesion. **(1+3+2)**

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

3. Differences between ulcerative colitis and Crohn's disease
4. Lab investigations in Myocardial infarction
5. Pheochromocytoma
6. Cryptorchidism

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

7. Ghon's complex
8. Gross and microscopy of papillary carcinoma thyroid
9. Meningioma
10. Microscopy of alcoholic liver disease

**Answer in single sentence:****(4x½=2)**

11. Subtypes of Hodgkin's lymphoma
12. Two causes for nephrotic syndrome
13. Describe the cardiac vegetations in infective endocarditis
14. Mention the types of emphysema in chronic smokers

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