

# **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. Phaeochromocytoma
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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