

Q.P. Code: 204001

Reg. no.: .....

**Second Professional MBBS Degree Examinations February 2019**

**Hematology and Systemic Pathology - Paper II**

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

**Essay:** (8)

1. What is chronic obstructive pulmonary disease (COPD). Name the types of COPD. Describe the etiopathogenesis and morphology of emphysema of lung. (1+1+3+3)

**Short essay:** (6)

2. A 50 years old female presented with painless lump in right breast since 6 months, gradually increasing in size. O/E: A firm to hard lump fixed to underlying structures and skin was present. Ipsilateral axillary lymph nodes were palpable. Answer the following:
- What is the clinical diagnosis
  - Describe the etiological factors and morphology of the lesion.
  - Name two prognostic factors
- (1+4+1)

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

3. Pheochromocytoma
4. Etiology and morphology of chronic glomerulonephritis
5. Chronic osteomyelitis
6. Testicular tumors

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

7. Megaloblast
8. Malignant melanoma
9. Rheumatic carditis
10. Types of Hodgkin lymphoma

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

11. Endometriosis
12. Barrett's esophagus
13. Types of gall stones
14. Verocay body

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