

## 2010 Scheme

Q.P. Code: 203001

Reg. No.: .....

### **Second Professional MBBS Degree Supplementary Examinations May 2022**

#### **Clinical Pathology and General Pathology - Paper I**

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 edema. Discuss the pathophysiologic causes of edema. Describe the features of an exudate (1+5+2)

**Short essay:** (6)

2. A 26 years old female presented with complains of fever and joint pains for last six months. She also gives history of development of skin rashes on exposure to the sunlight. On examination the clinician found a butterfly rash over the face and oral ulcers. Serologic investigations were performed for diagnosis.
  - What is the diagnosis of this patient
  - Describe the etiopathogenesis of this disorder
  - Name any two renal lesions in this disease(1+4+1)

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

3. Differences between benign and malignant tumors
4. Steps involved in phagocytosis with help of a diagram
5. Role of RB gene in tumor suppression
6. Morphologic features of chronic inflammation

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

7. Cytokines involved in acute inflammation
8. AIDS defining opportunistic infections
9. Klinefelter syndrome
10. Dystrophic calcification

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

11. Philadelphia chromosome
12. Osmotic fragility test
13. Name four type III hypersensitivity reactions
14. Define hypertrophy

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