

## 2010 Scheme

Q.P. Code: 203001

Reg. No.: .....

### **Second Professional MBBS Degree Supplementary Examinations October 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. What are the three components of acute inflammation. Describe the mechanism of intracellular destruction of bacteria. (3+5)

**Short essay:** (6)

2. A man aged 40 presented to the Medicine clinic with a history of persistent cough with evening rise of temperature over a period of 4 months, with associated loss of appetite and a reduction in weight. Examination revealed matted cervical lymph nodes. An x ray chest done showed a small radiopaque focus in the apex of the upper lobe of right lung.
  - What is your provisional diagnosis
  - Describe in detail the pathogenesis of this disease.
  - Describe the complications associated with this lesion( 1+4+1)

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

3. Factors influencing development of an infarct
4. Routes of metastasis with examples
5. Morphologic features of apoptosis
6. Lepromatous leprosy

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

7. Morphology of spleen in amyloidosis
8. Turner syndrome
9. Metastatic calcification
10. Name four paraneoplastic syndromes with an example each for the underlying neoplasm causing it

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

11. Define metaplasia
12. Fate of a thrombus
13. Types of necrosis
14. Proto oncogene

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