

## 2010 Scheme

Q.P. Code: 203001

Reg. No.: .....

**Second Professional MBBS Degree Supplementary Examinations  
July 2023  
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 necrosis. Describe the different types of necrosis with examples. How does necrosis differ from apoptosis (1+5+2)

**Short essay:** (6)

2. A forty-year-old man presented with history of persistent cough and evening rise of temperature over a period of 3 months, with associated loss of appetite and significant loss of weight. Examination revealed matted cervical lymph nodes. A chest X ray done showed cavitation in the apex of the upper lobe of the lung.
  - a) What is your diagnosis
  - b) Describe in detail the etiopathogenesis of this disease.
  - c) Describe the characteristic microscopic features associated with this condition.
  - d) What investigations will help to confirm the diagnosis

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

3. Pathways of Metastasis and their mechanisms.
4. Healing by primary intention.
5. Fat embolism.
6. Leukocyte recruitment to sites of inflammation.

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

7. Staining properties of Amyloid.
8. Features of Down syndrome.
9. CSF findings in viral meningitis.
10. Rickets.

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

11. Describe the gross appearance of Chronic venous congestion liver.
12. Name two tumours seen mainly in infancy and childhood.
13. Name two opportunistic infections in AIDS.
14. Name an oncogenic virus and the tumour caused by it.

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