

## **2010 Scheme**

Q.P. Code: 203001

Reg. No.: .....

### **Second Professional MBBS Degree Supplementary Examinations March 2024**

#### **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. Discuss in detail with examples the different types of necrosis. Give two differentiating points between Necrosis and Apoptosis. (1+5+2)

**Short essay:** (6)

2. A person after 20 minutes of vaccine administration develops generalized pruritus, difficulty in breathing, hypotension and vomiting.
  - a) What is the most probable diagnosis of this patient.
  - b) Describe the pathogenesis of this condition. (1+5)

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

3. Role of Arachidonic Metabolites in inflammation.
4. Pathogenesis of Septic Shock.
5. Ridley and Jopling Classification of leprosy.
6. Role of p53 gene in tumor suppression.

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

7. CSF in tuberculous meningitis.
8. Define metaplasia and give two examples.
9. Turner syndrome – aetiology and manifestations.
10. Crystals in urine

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

11. Two uses of buffy coat.
12. What is Virchow's triad.
13. Sodium metabisulphite test is done to demonstrate what.
14. Two opportunistic infections in AIDS

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