

Q.P. Code: 203001

Reg. No.:

**Second Professional MBBS Degree Supplementary Examinations
February 2021
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 amyloidosis and classify it. Describe the physical and chemical nature of amyloid. Add a note on staining characteristics of amyloid. (1+2+3+2)

Short essay: (6)

2. A 45 years old woman underwent abdominal surgery and was bedridden for 10 days. She suddenly developed dyspnea, collapsed and died within a few minutes.
 - What is your diagnosis
 - Describe the etiopathogenesis of the condition.
 - What are the likely postmortem findings (1+3+2)

Short notes: (4x4=16)

3. Mechanism of cancer metastasis
4. Differences between necrosis and apoptosis
5. Erythrocyte sedimentation rate
6. Ghon's complex

Answer briefly: (4x2=8)

7. Manifestations of vitamin A deficiency
8. Lead poisoning
9. Opportunistic infections in acquired immunodeficiency syndrome (AIDS)
10. Dystrophic calcification.

Answer in single sentence: (4x½=2)

11. Nutmeg liver
12. Name two endogenous pigments
13. Reticulocyte
14. Free radicals
