

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:**(4x $\frac{1}{2}$ =2)**

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

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