

Q.P. Code: 203001

Reg. No.:

**Second Professional MBBS Degree Regular/Supplementary
Examinations February 2020
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 thrombosis. Explain the pathophysiology and morphology of thrombosis. Add a note on the fate of thrombus. (1+5+2)

Short essay: (6)

2. A 60- year old male presented with history of fever, cough and weight loss since two months. Chest X-ray showed cavitary lesion in the right apical lobe and ESR 120 mm / hr. Answer the following.
 - What is the provisional diagnosis.
 - Discuss etiopathogenesis and morphology of the same.
 - Mention the laboratory investigations. (1+4+1)

Short notes: (4x4=16)

3. Outline the differences between benign and malignant tumors.
4. Chemical mediators of acute inflammation.
5. Define and classify necrosis. Describe morphology of coagulative necrosis.
6. Hypersensitivity reactions

Answer briefly: (4x2=8)

7. Factors influencing wound healing
8. Urinary casts
9. Scurvy
10. Anticoagulants used to preserve blood in blood bank.

Answer in single sentence: (4x½=2)

11. List two tumors caused by Epstein-Barr-virus.
12. Mention four inherited disorders.
13. Special stains for amyloid.
14. List two indications for bone-marrow aspiration study.
