

**Q.P. Code: 203001**

**Reg. no.:** .....

**Second Professional MBBS Degree Supplementary Examinations  
July 2018**

**Clinical Pathology and General Pathology - Paper I**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay: (8)**

1. Discuss in detail the mechanism of recognition and rejection of allografts. Add a note on morphology of kidney in various types of rejection. (5+3)

**Short essay: (6)**

2. 40 years male presented with low grade intermittent fever, night sweats, anorexia and weight loss followed by increasing amounts of sputum at first mucoid, later purulent. Answer the following:
- What is your diagnosis
  - Describe the morphology of lung
  - Enumerate two diagnostic tools to arrive at diagnosis (1+4+1)

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

3. Necrosis – describe types and morphology
4. Reticulocyte count
5. Type III hypersensitivity reaction
6. Differentiation and anaplasia

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

7. Gross skeletal changes in rickets
8. Fine needle aspiration cytology
9. Urinary casts
10. Granulation tissue

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

11. Define metaplasia
12. Lines of Zahn
13. Fetal hydrops
14. Define gangrene

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