

**Q.P. Code: 203001**

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

**Second Professional MBBS Degree Supplementary Examinations,  
October 2016**

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

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay: (8)**

1. Define shock. Mention four types of shock. Describe the morphological changes in various organs in shock. Add a note on pathogenesis of septic shock (1+2+3+2=8)

**Short essay: (6)**

2. A 5 years old boy was admitted with history of oliguria, facial edema and dark colored urine. His BP was 140/100 mm of Hg. Answer the following:

- What is your provisional diagnosis.
- What are the laboratory findings in urine examination in this patient
- How do you examine urinary sediments and describe the sediments seen in urine (1+2+3=6)

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

3. Metaplasia
4. Blood transfusion reaction
5. Primary wound healing
6. Miliary tuberculosis

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

7. Anti nuclear antibodies
8. Name four carcinogenic viruses
9. CSF findings in pyogenic meningitis.
10. Erythrocyte sedimentation rate

**Answer in single sentence: (4x1/2=2)**

11. Define necrosis
12. Cardinal signs of inflammation
13. Fate of thrombus
14. Skeletal changes in rickets

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