

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: (4x½=2)

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