

Q.P. Code: 203001

Reg. no.: .....

**Second Professional MBBS Degree Supplementary Examinations,  
August 2017****Clinical Pathology and General Pathology - Paper I****Time: 2 Hours****Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay: (8)**

1. Define inflammation. Discuss the vascular and cellular events in acute inflammation  
(1+3+4=8)

**Short essay: (6)**

2. 30 years old female complaining of fever, butterfly rash on face, pain in knee joint, chest pain and having photosensitivity. Answer the following:
  - What is provisional diagnosis
  - Discuss the etiopathogenesis
  - What are the specific diagnostic criteria
  - Describe the morphology of kidney in this disease(1+2+2+1)

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

3. Ghon's complex
4. Types of gangrene and describe gas gangrene
5. Turners syndrome
6. Cytology in diagnosis of cancer

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

7. Mechanism of apoptosis
8. Type I hypersensitivity reaction
9. Frozen section
10. Difference between benign and malignant tumors

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

11. Hyperplasia
12. Scurvy
13. PCV
14. Fate of thrombus

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