

**Q.P. Code: 203001**

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



**Second Professional MBBS Degree Examinations, March 2014**

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

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(8)**

1. Define thrombosis. Describe the pathogenesis and pathology of arterial and venous thrombosis. (2+ 3+ 3=8)

**Short essay:**

**(6)**

2. A 30 years old man presented with tiredness and numbness of feet. Investigations showed Hb 6 g/dl TC 3500/c.mm. MCV 104fl : Answer the following:
  - What is your diagnosis
  - Describe the peripheral blood picture
  - What are the causes of this condition

**(1 + 3 + 2=6)**

**Short notes:**

**(4x4=16)**

3. Apoptosis
4. Urinary casts
5. Oncogenes
6. Ghon complex

**Answer briefly:**

**(4x2=8)**

7. Endogenous pigments
8. Characteristics of normal seminal fluid
9. Vascular changes in inflammation
10. Opportunistic infections

**Answer in single sentence:**

**(4x½=2)**

11. Define hyperplasia
12. List two salient CSF findings in TB meningitis
13. Name two causes of proteinuria
14. Define dystrophic calcification with an example

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