

**Code: 204001**

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

**Second Professional MBBS Degree Examinations, April 2013**

**Haematology and Systemic Pathology - Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay: (8)**

1. Classify bone tumors. Describe the gross (including x-ray appearances) and microscopic features of the most common malignant bone tumor (3+3+2= 8)

**Short essay: (6)**

2. A 53 year old male presented with pain abdomen. Investigations: Hb 8g/dl TC 70,000/cmm DC N 55 L 10 myelocyte 15 metamyelo 10 band 1 eosino 6 baso 3 platelet count 5.8 lakh/cmm. Answer the following:
  - What is your diagnosis.
  - Describe the peripheral blood picture and bone marrow findings in this condition
  - Name the cytogenetic abnormality associated (1+4+1=6)

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

3. Hemophilia
4. Hydatidiform mole
5. Papillary carcinoma of thyroid
6. Renal cell carcinoma

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

7. List two hematological evidences of DIC
8. Basal cell carcinoma
9. Lab diagnosis of Thalassemia
10. Cholelithiasis

**Answer in single sentence: (4x $\frac{1}{2}$ =2)**

11. Auer rod
12. Involucrum
13. Cirrhosis
14. Carcinoid

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