

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: (4x½=2)

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