



Q.P. Code: 204001

Reg. no.:

Second Professional MBBS Degree Examinations, March 2014

Hematology 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 etiopathogenesis and clinico-pathological features of osteosarcoma (2+3+3=8)

Short essay: (6)

2. 45 years old male presented with splenomegaly and anemia. His total WBC count was 1.5 lakhs per cu mm with myeloid precursors of all series in peripheral blood. Answer the following:
 - What is your diagnosis.
 - Describe the peripheral blood and bone marrow findings.
 - What is the cytogenetic abnormality(1+4+1=6)

Short notes: (4x4=16)

3. Acute glomerulonephritis
4. Malignant melanoma
5. Cervical intraepithelial neoplasia
6. Seminoma

Answer briefly: (4x2=8)

7. Megaloblast
8. Carcinoid
9. Clotting time
10. Lung abscess

Answer in single sentence: (4x½=2)

11. What is paraneoplastic syndrome
12. Mention two causes of cirrhosis
13. Reed Sternberg cell
14. Name two haemoparasites.

