

Q.P. Code: 204001

Reg. no.:

**Second Professional MBBS Degree Supplementary Examinations
July 2018**

Hematology and Systemic Pathology - Paper II

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay: (8)

1. Discuss in detail the etiology and pathogenesis of post streptococcal glomerulonephritis. Add a note on morphology of kidney in post streptococcal glomerulonephritis. (5+3)

Short essay: (6)

2. A 48 years female nullipara presented with hard fixed lump of size 6x4x4 cm in the upper outer quadrant of right breast with right axillary lymphadenopathy. Answer the following
- What is your diagnosis.
 - Enumerate four histological types.
 - Discuss in detail six prognostic and predictive factors. (1+2+3)

Short notes: (4x4=16)

3. Complications of blood transfusion
4. Blood and bone marrow picture in multiple myeloma
5. Morphology of lobar pneumonia
6. Helicobacter pylori gastritis

Answer briefly: (4x2=8)

7. Vegetations of heart valves
8. Hepatoblastoma
9. Stag-horn renal calculi
10. Histomorphology of classical seminoma

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

11. Define endometriosis
12. Enumerate four thyroid neoplasms
13. Auer rods
14. Involucrum
