

F 6206

(Pages : 2)

Reg. No.....

Name.....

**SECOND PROFESSIONAL M.B.B.S. DEGREE EXAMINATION  
NOVEMBER 2007**

Faculty of Medicine

**PATHOLOGY—Paper II—SYSTEMIC PATHOLOGY AND HAEMATOLOGY**

(New Scheme)

Time : One Hour and a Half

Maximum : 32 Marks

*Answer Sections A-II and B in separate answer-books.  
Draw diagrams wherever necessary.*

**Section A-II**

III. Draw and label :

- 1 Histology of atheroma of artery.
- 2 Gaucher cell.

(2 × 1 = 2 marks)

IV. Write short answers on :

- 1 Neutrophil leukemoid reaction.
- 2 Reed - Sternberg cell.
- 3 Aneurysms.
- 4 Adenomatous polyp of colon.

(4 × 1 = 4 marks)

V. Write short notes on :

- 1 Basal cell carcinoma.
- 2 Glomerular lesions in complicated diabetes mellitus.
- 3 Paget's disease of breast.

(3 × 2 = 6 marks)

**Section B**

VI. 18 year old boy having pain in the left leg for the last 3 weeks was found to have a diffuse swelling of the mid part of the shin. X-ray of leg showed a destructive lesion in the middle third of tibia with onion skin appearance at the periphery. A biopsy of the lesion revealed a monomorphous population of small round cells.

- 1 What is your diagnosis ? (1 mark)
- 2 What is the clinical behaviour of this lesion ? (3 marks)
- 3 What is the most common cytogenetic change associated with this ? (2 marks)

**Turn over**

4 Briefly describe the gross morphology of the lesion.

(3 marks)

5 Name a special stain useful in the histopathological diagnosis.

(1 mark)

VII. Write short answers on :

1 Psammona bodies.

2 Pathogenesis of pigment gall stones.

3 Morphology of Schwannoma.

4 Complications of Cirrohosis.

(4 × 1 = 4 marks)

VIII. Write short notes on :

1 Hydatidiform mole.

2 Emphysema.

3 Ulcerative colitis.

(3 × 2 = 6 marks)