

PATHOLOGY

2009

Paper-I

Full Marks 40

Use Separate answer script for each group*Attempt all questions. The figures in the margin indicate distribution of marks in each question.***Group – A**

1. A 60 year old male presented with progressive weakness, low grade fever, generalized lymphadenopathy and splenomegaly. Blood examination shows Hb-10.0g/dl, WBC—86000 /c mm. 90% off the WBC are small mononuclear cells.
- a) What are the possible causes?
- b) How will you proceed to investigate the case to establish its diagnosis? 2+8

Group - B

2. a) Define oedema. Mention the different mechanisms producing renal oedema. 2+8
- or
- b) Describe the mechanism of irreversible cell injury. 10

Group – C

3. a) Define neoplasia. Describe the characteristics of malignant neoplasm. 2+8
- or
- b) Define and classify leukaemia. Describe the laboratory findings of Acute Myeloblastic Leukaemia. 4+6

Group – D

4. Write short notes on (**any five**): 5 x 2
- a) Type II hypersensitivity
- b) Laboratory diagnosis of Amyloid
- c) Bleeding time and Clotting time
- d) Opsonin
- e) Metaplasia
- f) Packed cell volume