

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