

Second Professional M.B.B.S.
March - 2021
PATHOLOGY
Paper-Second
Time: Three Hours
Maximum Marks: 40

Q.No.1 in section A and Q.No.5 in section B are compulsory. Attempt any two questions from rest of the questions in each section.

(Use separate answer book for each section)

1. Discuss the lab investigations in a case of Sickle cell Anemia.

2. Write short notes on:

a) Anemia

c) Leuco-erythroblastic picture

3. Give the peripheral blood film and bone marrow findings in:

a) Thalassemia major

c) Acute Lymphoblastic leukemia

4. Write short notes on:

a) Hodgkins Lymphoma

c) Anaemia of chronic disorder

10

$4 \times 1\frac{1}{4} = 05$

b) Plasma cell dyscrasia

d) Acute Promyelocytic Leukemia

$4 \times 1\frac{1}{4} = 05$

b) Iron deficiency anaemia

d) Infectious mononucleosis

$4 \times 1\frac{1}{4} = 05$

b) Classification of Acute Myeloid Leukemia

d) Platelet count

Section-A

5. Discuss in detail laboratory diagnosis of viral hepatitis B.

6. Write short notes on:

a) Microscopic examination of Urine

c) Factors affecting ESR

7. Discuss briefly:

a) Role of Immunohistochemistry in differential diagnosis of undifferentiated tumors

$4 \times 1\frac{1}{4} = 05$

b) CSF findings in Bacterial Meningitis

b) Blood component therapy

c) Electron Microscopy

d) RBC indices

a) Bone marrow findings in multiple myeloma

8. Write short notes on:

a) Haemophilia

$4 \times 1\frac{1}{4} = 05$

c) MCV in diagnosis of Anemias

b) Anticoagulants

d) Precautions using Hematology cell counters