

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)

Section-A

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

10

2. Write short notes on:

4 x 1¼ = 05

a) Anemia

b) Plasma cell dyscrasia

c) Leuco-erythroblastic picture

d) Acute Promyelocytic Leukemia

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

4 x 1¼ = 05

a) Thalassemia major

b) Iron deficiency anaemia

c) Acute Lymphoblastic leukemia

d) Infectious mononucleosis

4. Write short notes on:

4 x 1¼ = 05

a) Hodgkins Lymphoma

b) Classification of Acute Myeloid Leukemia

c) Anaemia of chronic disorder

d) Platelet count

Section-B

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

10

6. Write short notes on:

4 x 1¼ = 05

a) Microscopic examination of Urine

b) Blood component therapy

c) Factors effecting ESR

d) RBC indices

7. Discuss briefly:

4 x 1¼ = 05

a) Role of Immunohistochemistry in differential diagnosis of undifferentiated tumors

b) CSF findings in Bacterial Meningitis

c) Electron Microscopy

d) Bone marrow findings in multiple myeloma

8. Write short notes on:

4 x 1¼ = 05

a) Haemophilia

b) Anticoagulants

c) MCV in diagnosis of Anemias

d) Precautions using Hematology cell counters