

Date: 10-01-2020

RUHS

Second Year MBBS Examination

II MBBS PATHOLOGY PAPER I

Time: 3 hours Max Marks: 40

Instructions: Question 1 in Section A and Question 4 in Section B are Compulsory. Attempt any one question from rest of the questions in each section. (Use separate answer sheet for each section)

Section 1

1. Discuss the lab investigations in a case of sickle cell anemia. (A. 318, B. 645-648) (10)
2. Write short notes on: (5)
 - a. Anemia (A. 306, B. 655-657)
 - b. Plasma cell dyscrasia
 - c. Leuco-erythroblastic picture
 - d. Acute Promyelocytic Leukemia
3. Give the peripheral film and bone marrow findings in: (5)
 - a. Thalassemia major (A. 320, B. 648)
 - ~~b. Iron deficiency anemia (A. 292, B. 659)~~

- c. Acute lymphoblastic leukemia (A. 373, 8.600-602)
 - d. Infectious mononucleosis
4. Write short notes on: (5)
- a. Hodgkin's lymphoma
 - b. Classification of Acute Myeloid Leukemia(A. 362, 366, B. 600, 620)
 - c. Anemia of chronic disorder
 - d. Platelet count

Section 2

1. Discuss in detail laboratory diagnosis of viral hepatitis B. (A. 606, B. 355) (10)
2. Write short notes on: (5)
 - a. Microscopic examination of urine (A. 652)
 - b. Blood component therapy(A. 340)
 - c. Factors effecting ESR
 - d. RBC indices
3. Discuss briefly: (5)
 - a. Role of immunohistochemistry in differential diagnosis of undifferentiated tumors(A. 15)
 - b. CSF findings in bacterial Meningitis
 - c. Electron microscopy
 - d. Bone marrow findings in multiple myeloma
4. Write short notes on: (5)
 - a. Haemophillia
 - b. Anticoagulants
 - c. MCV in diagnosis of Anemias
 - d. Precautions using Hematology cell counters
