

RUHS

Second Year MBBS Examination

II MBBS PATHOLOGY PAPER II

Date: 03-01-2012 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. Describe PBF, Bone-marrow findings and laboratory diagnosis in megaloblastic anemia. (10)
2. Write Short notes on the following: (5)
 - a. Sideroblast (A. 41, B. 660)
 - b. Hemophilia (A. 335, B. 672)
 - c. Sickle cell anemia (A. 318, B. 645-648)
 - d. Cytogenetic abnormality in CML (A. 357, B. 627)
3. Describe PBF and bone marrow findings in the followings; (4 x 1 ¼ = 5) (5)
 - a. Aplastic anemia (A. 325, B. 662)

- b. Acute myeloid leukemia M3 type (Acute promyelocytic leukaemia)
 - c. Chronic lymphocytic leukemia
 - d. Multiple myeloma (A. 383, B. 609-611)
4. Write Short notes on the following: (5)
- a. Prothrombin time
 - b. Cytochemistry of acute leukemia
 - c. Hairy cell leukemia
 - d. Indications of bone marrow aspiration (A. 286)

Section 2

- 1. Define and classify Jaundice. Discuss the laboratory diagnostic approach of different type of jaundice. (A. 597, B. 839) (10)
 - 2. Outline the laboratory diagnosis in the following: (5)
 - a. Laboratory diagnosis in Rheumatic heart disease
 - b. Laboratory diagnosis in Myocardial infarction
 - c. Laboratory diagnosis in Subacute bacterial endocarditis (A. 445)
 - d. Laboratory diagnosis in Chronic glomerulonephritis
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3. Write Short notes on the following: (5)
 - a. Enumerate haemoparasites in peripheral blood and bone marrow with diagrammatic illustration (A. 137)
 - b. Enumerate cyst and ova found in stool
 - c. Cell abnormality found in urine (A. 652)
 - d. CSF findings in pyogenic meningitis (A.876)
4. Write Short notes on the following (support with diagram);(4 x 1 ¼ = 5) (5)
 - a. Esbach's Albuminometer and its uses
 - b. Wintrobe's tube and its uses
 - c. Haemoglobin pipette and its uses
 - d. Laboratory diagnostic approach in bronchogenic carcinoma (A. 497)