

**RUHS Second MBBS (Main) Examination****Pathology Paper -II****Date: January 2017****Time: 3 hours****Max Marks: 40**

1. Discuss the laboratory diagnosis of Iron deficiency anaemia. (10)(A. 292, B. 659)
2. Write Short notes on the following: (4 x 1 1/4 = 5)
 - a) Blood group systems (A.339)
 - b) Bleeding time and clotting time
 - c) Megaloblast
 - d) Blood transfusion reaction (A.339)
3. Describe differences between the following;(4 x 1 1/4 = 5)
 - a) Classification of acute Leukemias
 - b) Sickling test
 - c) Sex chromatin (Barr body)
 - d) Eosinophilia (A.141, 350)
4. Describe differences between the following;(4 x 1 1/4 = 5)
 - a) Anticoagulants
 - b) Basophilia
 - c) Erythroblastosis foetalis
 - d) Indirect coomb's test (A. 653)
 - e) Peripheral blood film
 - f) Diagramme of Myeloblast (A.345-346)

SECTION - B

5. Describe in detail the microscopic examination of sputum. (10)
6. Write Short notes on the following; (4 x 1 1/4 = 5)
 - a) Collection of urine sample(A.652)
 - b) Glycosuria (A. 826)
 - c) Rothra's test
 - d) Urinary casts (A.652)





7. Write Short notes on the following; (4 x 1 1/4 = 5)

- a) Vim Silverman's liver biopsy needle
- b) SGPT
- c) Cabot's ring
- d) FNAC (A. 277, B. 323)

8. Write Short notes on the following; (4 x 1 1/4 = 5)

- a) 10% Formal saline
- b) Bone marrow Biopsy-indications (A. 286)
- c) Parasites in peripheral blood (A.137)
- d) Diagramme of trophozoites of P.Falciparum
- e) Microtome

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