

**RUHS Second MBBS (Main) Examination****Pathology Paper -II****Date: February 2019      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)

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**SECTION - A**

1. Define anaemia. Describe aetiopathogenesis and laboratory diagnosis of Megaloblastic. (10)
2. Write Short notes on the following: (2 x5 = 10)
  - a) Sickle cell trait (A. 318, B.645-648)
  - b) Bombay Blood Group
  - c) Renal function tests (A. 652)
  - d) Barrett's esophagus (A.540)
3. Describe differences between the following; (2 x5 = 10)
  - a) Giant Cell (A. 143, B. 74)
  - b) Nutmeg liver (A. 106)
  - c) Aetiopathology of Primary Amyloidosis
  - d) Reticulocyte
4. Write short note on (10)
  - a) Radiation injury
  - b) Teratoma
  - c) Risk factors of Atherosclerosis
  - d) Morphology of Bronchogenic Carcinoma

**SECTION- B**

5. Discuss laboratory diagnosis of Hepatitis
6. Write Short notes on the following;
  - a) Bronchopneumonia

- b) Differences between primary and Secondary tuberculosis
  - c) Erythrocyte
  - d) CSF findings of pyogenic meningitis
7. Write short note on
- a) Immunological mechanism in primary Glomerulonephritis
  - b) Typhoid Intestine
  - c) Frozen section
  - d) Eosinophilia
8. Outline the diagnosis in following:
- a) Prothrombin Time (PT)
  - b) Bronchial Asthma
  - c) Parasites in peripheral blood smear
  - d) Leukemoid Reaction