

RUHS**Second Year MBBS Examination****II MBBS PATHOLOGY PAPER I**

Date: 01-01-2016

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. Define Apoptosis. Give its causes and discuss in detail the mechanism of apoptosis. (A. 46, B. 25) (10)
2. Write Short notes on the following: (10)
 - a. Metaplasia (A. 57, B. 10)
 - b. Coagulative necrosis (A. 44)
 - c. Arachidonic acid metabolites (A.137)
 - d. Turner syndrome

e. Opportunistic infections in AIDS (A.523)

3. Describe Briefly; (10)

a. Viral oncogenes (A. 209-211, B. 279, 285)

b. Fat embolism (A. 119, B. 125)

c. Routes of metastasis (A.200)

d. Infectious mononucleosis

e. Transplant

Section 2

4. Discuss in detail the morphology and pathogenesis of alcoholic liver disease. (A. 619, B. 857) (10)

5. Write Short notes on the following: (10)

a. Membrane proliferative glomerulonephritis (A. 667, B. 920)

b. Differential diagnosis of vegetation in heart

c. Dermoid cyst-ovary (A. 746, B. 1047)

d. Benign nodular hyperplasia prostate (A. 233-234, B. 326-327)

e. Ulcerative colitis versus Crohn's diseases (A. 566, B. 811,810)

6. Write Short notes on the following: (10)

a. Bronchiectasis (A. 484, B. 692, 693)

- b. Osteogenic sarcoma (A. 841, B. 1225)
- c. Lepromatous leprosy versus tuberculoid leprosy (A. 159-160, B. 372-373)
- d. Hashimoto's Thyroiditis (A. 804, B. 1111)
- e. Fibro adenoma breast (A. 757, B. 1091)

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