

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

Time: 3 hours

Max Marks: 40

Date: 09-02-2019

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 shock. Enumerate types of shock. Describe etiopathogenesis of septic shock. (A. 108, B. 129-130) (10)

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

- a. Prostaglandins in inflammation
- b. Dowr's syndrome(B. 161)
- c. Type I hypersensitivity reaction(A. 73, B. 198)
- d. Endogenous pigments
- e. Chemical carcinogenesis

3. Describe differences between the following: (10)

- a. Dystrophic calcification & metastatic calcification(A. 51, 52, B. 38)
- b. Wound healing by primary intension & secondary intention
- c. Granuloma & Granulation tissue

- d. Dry gangrene & wet gangrene(A. 51)
- e. Primary Amyloidosis & secondary Amyloidosis

## Section 2

4. Describe the etiopathogenesis gross and microscopic features of peptic ulcer in stomach, mention the complications of a peptic ulcer. (10)

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

- a. Fibroadenoma breast(A.757)
- b. Alcoholic hepatitis
- c. Tuberculous osteomyelitis
- d. Vegetation of heart
- e. Glioblastoma multiforme (Astrocytoma grade IV)

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

- a. Chronic pyelonephritis
- b. Risk factors in atherosclerosis
- c. Adenoma carcinoma sequence in colonic carcinoma
- d. Benign cystic Teratoma ovary (Dermoid cyst ovary) (A. 746, B. 1047)
- e. Morphological features of Bronchiectasis lung

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