

**RUHS Second MBBS (Main) Examination****Pathology Paper -I****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)

SECTION - A

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:
 - a) Prostaglandins in inflammation
 - b) Down'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;
 - a) Dystrophic calcification & metastatic calcification (A. 51, 52, B. 38)
 - b) Wound healing by primary intention & Secondary intention
 - c) Granuloma & Granulation tissue
 - d) Dry gangrene & wet gangrene (A.5 1)
 - e) Primary Amyloidosis & secondary Amyloidosis

SECTION B

4. Describe the etiopathogenesis gross and microscopic features of peptic ulcer in stomach, mention the complications of a peptic ulcer.
5. Write Short notes on the following;
 - a) Fibroadenoma breast (A.75 7)
 - b) Alcoholic hepatitis
 - c) Tuberculous osteomyelitis
 - d) Vegetation of heart





- e) Glioblastoma multiforme (Astrocytoma grade IV)
- 6. Write Short notes on the following;
 - 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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