

**RUHS Second MBBS (Main) Examination****Pathology Paper -I****Date: January 2011****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 and classify shock. Describe the pathogenesis of Septicaemic shock. (A. 108, B. 129-130) (10)
2. Write Short notes on the following: (2 x5 = 10)
  - a) Exfoliative cytology (A. 267)
  - b) Staining characteristics of amyloid (A. 85, 87, B. 249, 254)
  - c) Giant cells (A. 143, B. 74)
  - d) Cardinal signs of acute inflammation
  - e) Viral carcinogenesis (A. 222, B.276)
3. Describe differences between the following; (2 x5 = 10)
  - a) Lupus erythematosus cell
  - b) Apoptosis (A. 46, B. 25)
  - c) Nutmeg liver (A. 106)
  - d) Rhinosporidiosis
  - e) Fat embolism (A. 119, B. 125)
4. Discuss aetiopathogenesis and morphological findings of atheroma aorta. (A. 398, B. 496) (10)
5. Write Short notes on the following; (2 x5 = 10)
  - a) Small contracted granular kidney (A.698)
  - b) Sago spleen (A.90: B. 254)
  - c) Gross and Microscopic findings in bronchopneumonia (A. 471, B. 711-714)
  - d) Ghon's complex (A.153)
  - e) Papilloma





6. Write Short notes on the following; (2 x 5 = 10)
- a) Phylloides tumour of breast
  - b) Dermoid cyst of ovary (A. 746, B.1047)
  - c) Rodent ulcer
  - d) Complications of cirrhosis of Liver(A. 630, B. 837)
  - e) Koch's Lymphadinitis

**SECTION B**

7. Write Short notes on the following; (4 x 1 1/4 = 5)
- a) Enumerate haemoparasites in peripheral blood and bone marrow with diagrammatic illustration (A. 137)
  - b) Enumerate cyst and ova found in stool
  - c) Cell abnormality found in urine (A. 652)
  - d) CSF findings in pyogenic meningitis (A.876)
8. Write Short notes on the following (support with diagram);(4 x 1 1/4 = 5)
- a) Esbach's Albuminometer and its uses
  - b) Wintrobe's tube and its uses
  - c) Haemoglobin pipette and its uses
  - d) Laboratory diagnostic approach in bronchogenic carcinoma (A. 497)

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