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M.B.B.S.
Second Professional Examination 2012-13 (March-April)
Pathology –I

Time: Three Hours

Maximum Marks: 40

Note: Attempt all questions. Use separate answer sheets for part A, part B and part C. Parts of a question must be attempted in sequence. Draw well labeled diagram wherever necessary.

PART—A

1. Define and Classify Necrosis. Write about role of calcium homeostasis in Cell injury. (1+2+3)
2. Write short notes—
 - a. Granulomatous inflammation (5)
 - b. Fate of Thrombosis (4)

PART—B

3. Write in brief about—
 - a. Paraneoplastic syndrome (4)
 - b. CD4+ T cells and HIV infection (3)
4. Tabulate differences between—
 - a. Turner syndrome and Down syndrome (4)
 - b. Viral and Chemical carcinogenesis. (4)

PART—C

5. Write briefly about—
 - a. Laboratory diagnosis of Iron deficiency Anaemia. (3)
 - b. Multiple Myeloma—Morphology and Lab.diagnosis (3)
6. Write precise answers only—
 - a. Enumerate four Hemolytic anaemias (1)
 - b. Four differences between A.M.L. and C.M.L. (1)
 - c. Four types of R.S. cells (1)
 - d. Special stains for Iron and Lipid (0.5)
 - e. Two diagnostic tests for Thalassemia major. (0.5)

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M.B.B.S.
Second Professional Examination 2012-13 (March-April)
Pathology –II

Time: Three Hours

Maximum Marks: 40

Note: Attempt all questions. Use separate answer sheets for part A. part B and part C. Parts of a question must be attempted in sequence. Draw well labeled diagram wherever necessary.

PART--A

1. Discuss in brief about aetiopathogenesis of Atherosclerosis. Comment on its morphological features and complications. (3+3+2)
2. Write short notes—
 - a. Laboratory diagnosis of Acute rheumatic fever. (4)
 - b. Clinicopathological features of Bronchiogenic carcinoma. (3)

PART--B

3. Write in brief about—
 - a. Pleomorphic adenoma (3)
 - b. Clinicopathological features of cirrhosis liver (4)
4. Tabulate differences between—
 - a. Nephrotic syndrome and Nephritic syndrome (4)
 - b. Seminomatous and Non-seminomatous testicular tumours (4)

PART--C

5. Tabulate difference between—
 - a. Hemolytic and Hepatic jaundice (2.5)
 - b. Lobar and Bronchopneumonia. (2.5)
6. Write precise answers only— (1x5)
 - a. Enumerate two causes of massive splenomegaly.
 - b. Name the cell which is diagnostic hallmark of Hodgkin's lymphoma
 - c. Enumerate two non-modifiable risk factors involved in pathogenesis of Myocardial infarction.
 - d. Enumerate one diaphyseal primary tumour of bone.
 - e. Name the most common malignant tumour of thyroid.