

RUHS

First Year MBBS Examination

I MBBS BIOCHEMISTRY PAPER II

Time: 3 hours Max Marks: 50

INSTRUCTIONS: 1. Que. No.1 and 5 in section A and B are compulsory. Attempt ANY TWO questions from rest of the questions in each section.
2. Use separate answer sheet for each section.

Section 1

1. Discuss the different types of RNAs and their role in cell function. Give a note on posttranscriptional modifications. (10)
 2. Write short note on: (8)
 - a. Genetic Code (A. 547)
 - b. Conjugation reaction in xenobiotics metabolism
 3. Write in brief: (8)
 - a. Oncogenes (A.659)
 - b. Reverse transcriptase (A. 546)
 4. Write short note on: (8)
 - a. Protein buffer system
 - b. Gout
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5. Describe in detail the diagnostic significance of various liver enzymes. (8)
6. Write about: (8)
 - a. Mutation
 - b. ELISA
7. Brief answers: (8)
 - a. Phenylketonuria (A.352)
 - b. Lac operon
8. Explain: (8)
 - a. Renal function tests (A.460)
 - b. Oratic aciduria

Section 2

1. Describe in detail the diagnostic significance of various liver enzymes. (8)
2. Write about: (8)
 - a. Mutation
 - b. ELISA
3. Brief answers: (8)
 - a. Phenylketonuria (A.352)
 - b. Lac operon
4. Explain: (8)
 - a. Renal function tests (A.460)
 - b. Oratic aciduria
