

**RUHS FIRST YEAR MBBS EXAMINATION****BIOCHEMISTRY- PAPER - II****August 2014 TIME: 3 HOURS TOTAL 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 A

Q1. Classify the acid base disorders. Discuss their causes and characteristics biochemical parameters (A. 481) (2+5+3)

Q2. a) Repair systems for mutated DNA (A. 535) (4)

b) Genetic Recombination(A. 571) (4)

Q3. a) Tumormarkers (A. 662) (4)

b) p53 (A. 661)(4)

Q4. a) Lesch-Nyhan syndrome (A. 399)(4)

b) Name the Tubular Function tests (A. 463) (4)

Section B

Q5. Explain briefly recombinant DNA technology (A. 571) (8)

Q6. a) Drugs used in cancer chemotherapy (A. 664) (4)

b) Diabetes Mellitus (A. 651)(4)

Q7. a) Write notes on Lac operon (A. 562) (4)

b) What are P bodies? (A. (4)

Q8. Write short notes on (8)

a) Okazaki pieces (A. 525)

b) Bence Jones proteinuria (A. 190)

c) Xeroderma Pigmentosum (A. 536)

d) AIDS (A. 666)

