

**RUHS FIRST YEAR MBBS EXAMINATION****BIOCHEMISTRY- PAPER - II****November 2017 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.

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**Section A**

Q1. a) Process of transcription and post transcriptional changes. (A. 539)

b) Regulation of gene expression. (A. 564)

Q2. Discuss

a) Blotting technique and its application (A. 575)

b) Complications of diabetes mellitus (A. 654)

Q3. Write short note on

a) Tumour markers (A. 662)

b) Liver functions tests (A. 454)

Q4. Write briefly about

a) Immunoglobulin (A. 187)

b) Renal function tests (A. 460)

**SECTION B**

Q5. Acid base balance disorders. (A. 481)

Q6. Write notes on

a) Renin-angiotensin-aldosterone system (A. 473)

b) Metabolism of Xenobiotics (Detoxification) (A. 613)

Q7. Discuss briefly

a) Use of radioisotopes in medicine (A. 685)

b) Restriction fragment length polymorphism (RFLP) (A. 583)

Q8. Write about

- a) Mutations. (A. 534)
- b) Blood buffers. (A. 476)

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