

Date: 05-12-2016

Preli

First Year MBBS Examination

I MBBS Biochemistry Paper 2

Time: 3 hours

Max Marks: 50

Instructions: 1. Answer to the points. 2. Figure to the right indicates marks. 3. Use separate answer books for each section. 4. Draw diagrams wherever necessary. 5. Write legibly.

### Section 1

1. Write short notes on: (any two) (10)
  - a. Regulation of gene expression
  - b. Genetic engineering and its Application
  - c. Urea cycle and clinical significance of high urea and creatinine levels in blood
2. Write Short notes on (any three) (9)
  - a. DNA damage & repair
  - b. Gene therapy
  - c. Post transcriptional modification

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