

500B

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA – 520 008

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2015  
FIRST M.B.B.S. EXAMINATION  
BIOCHEMISTRY  
PAPER-II

Time : 2 ½ Hours

Max. Marks : 50

Note: Answer all questions

Draw diagrammatic representation wherever necessary.

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1) Write in detail about urea cycle. Add a note on urea cycle disorders 6+4=10

2) Write in detail about renal function tests 10

WRITE SHORT NOTES ON: 5x4=20

3) Respiratory acidosis

4) Lac operon

5) Primary and secondary structures of proteins

6) Alkaptonuria

7) Functions of iodine and fluoride

WRITE BRIEFLY ON: 5x2=10

8) Post transcriptional modifications

9) Isoelectric p<sup>H</sup>

10) Active methionine

11) Most commonly used tumor markers

12) Normal serum levels of sodium, potassium, chloride and bicarbonate

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