

Q.P. CODE:500-B

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

M.B.B.S. DEGREE EXAMINATION – OCTOBER/NOVEMBER, 2018

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.

1) Describe the steps of urea cycle. Add a note on the associated inherited disorders. 7+3=10

2) Describe the lac operon model of gene expression. 3+7=10

WRITE SHORT NOTES ON: 5x4=20

3) Renal function tests

4) Metabolic alkalosis

5) Alcaptonuria

6) Thyroid Hormones

7) Post translational modifications

WRITE BRIEFLY ON: 5x2=10

8) Write the functions of Calcium

9) List any four tumor markers

10) Write the normal values of serum urea and creatinine

11) Write the mechanism of action of allopurinol

12) List any four second messengers
