

Q.P. CODE:500-B

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA – 520 008
M.B.B.S. DEGREE EXAMINATION – AUGUST, 2017
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) Write in detail about Urea Cycle. Add a note on Hyperammonemia. 7+3=10

2) Describe DNA replication with suitable illustrations. 7+3=10

WRITE SHORT NOTES ON: 5x4=20

3) Purine Catabolism

4) Mechanisms of Hormone Action

5) Liver Function Tests

6) Functions and clinical significance of albumin

7) Chemical Carcinogens

WRITE BRIEFLY ON: 5x2=10

8) Phenylketonuria

9) Facilitated diffusion

10) Blood Buffers

11) Storage and Transport forms of Iron

12) Define free radical and mention common characteristic features of free radicals
