

Q.P. CODE:500-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES:AP:VIJAYAWADA-520 008

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2017

FIRST M.B.B.S. EXAMINATION

BIOCHEMISTRY

PAPER-I

Time : 2 ½ Hours

Max. Marks: 50

Note: Answer all questions

Draw diagrammatic representation wherever necessary.

1) Write in detail about Gluconeogenesis. Add a note on its regulation. 7+3=10

2) Write in detail about classification of enzymes giving suitable examples. Write briefly on co-enzymes. 6+4=10

WRITE SHORT NOTES ON: 5x4=20

3) Beneficial effects and adverse effects of fiber in nutrition

4) Disaccharides

5) Components of Electron Transport Chain

6) Biochemical functions of Vitamin C

7) Metabolism of Galactose

WRITE BRIEFLY ON: 5x2=10

8) Lipid Digestion

9) Regulation of Cholesterol Synthesis

10) von Gierke Disease

11) Rapoport-Luebering Cycle

12) Acute intermittent porphyria
