

500-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES:AP:VIJAYAWADA-520 008
M.B.B.S. DEGREE EXAMINATION –AUGUST, 2015
FIRST M.B.B.S. EXAMINATION
BIOCHEMISTRY
PAPER-I

Time : 2 ½ Hours

Max. Marks: 50

Answer all questions

-
- 1) Write the glycolysis pathway in red blood cells. Add a note on 2,3 Bis phosphoglycerate formation and its importance. 6+4=10
 - 2) Give an account of sources, chemistry, biochemical functions, deficiency diseases and daily requirement of Vitamin D. 2+2+2+2+2=10

WRITE SHORT NOTES ON:

5x4=20

- 3) Structure and classification of lipoproteins
- 4) Factors affecting enzyme activity
- 5) Fatty Liver
- 6) Functions and deficiency manifestations of Thiamine
- 7) Absorption of Monosaccharides

WRITE BRIEFLY ON:

5x2=10

- 8) List the primary and secondary bile acids
- 9) Calorific value
- 10) Write any four heteropolysaccharides
- 11) Steatorrhea
- 12) Define Xenobiotics and give two examples
