

Q.P. CODE:500-A

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

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

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) Describe the functioning of respiratory chain including chemiosmotic theory. 7+3=10

2) Describe the functions and the deficiency manifestations of Vitamin D. Add a note on the biochemical basis of the deficiency manifestations 6+2+2=10

WRITE SHORT NOTES ON:

5x4=20

3) Sickle cell anaemia

4) Lactose intolerance

5) Anaerobic glycolysis

6) Pyridoxine

7) Hypercholesterolemia

WRITE BRIEFLY ON:

5x2=10

8) Deficiency manifestations of folic acid

9) List any four dietary fibres

10) Methaemoglobin

11) List the functions of phospholipids

12) Normal values for plasma glucose concentration (fasting and 2 hour Post Prandial)
