

500-A

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

M.B.B.S. DEGREE EXAMINATION – DECEMBER, 2015

FIRST M.B.B.S. EXAMINATION

BIOCHEMISTRY

PAPER-I

Time : 2 ½ Hours

Max. Marks: 50

Answer all questions

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1) Describe the sources, dietary requirements, biochemical functions and deficiency manifestations of Vitamin A. 4+4+2=10

2) Describe the pathway of Ketone bodies synthesis and utilization. Add a note on ketoacidosis. 6+4=10

WRITE SHORT NOTES ON: 5x4=20

3) Lactose intolerance

4) Isoenzymes

5) Significance of Hexose Monophosphate Pathway (HMP shunt)

6) Jaundice

7) Inhibitors of Respiratory chain

WRITE BRIEFLY ON: 5x2=10

8) Functions of essential fatty acids

9) Polysaccharides

10) Methemoglobin

11) Causes and clinical symptoms of Kwashiorkor

12) Cori cycle.

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