

500-A

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

M.B.B.S. DEGREE EXAMINATION – AUGUST, 2016

FIRST M.B.B.S. EXAMINATION

BIOCHEMISTRY

PAPER-I

Time : 2 ½ Hours

Max. Marks: 50

Note: Answer all questions.

Give diagrammatic representation wherever necessary.

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- 1) Write the classification of enzymes giving examples. Give an account on enzyme inhibition. 5+5=10
 - 2) Write the definition, substrates, pathway including enzymes and regulation of Gluconeogenesis. 1+2+5+2=10

WRITE SHORT NOTES ON:

5x4=20

- 3) Chemiosmotic hypothesis
- 4) Phase I of detoxification
- 5) Bile acids
- 6) Sickle cell anemia
- 7) Dietary fibre – beneficial and adverse effects

WRITE BRIEFLY ON:

5x2=10

- 8) Functions of Vitamin K
- 9) Steatorrhea
- 10) von Gierkes disease
- 11) Deficiency manifestations of Folic acid
- 12) Lipoprotein structure
