

Q.P. CODE:500-B

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA – 520 008

M.B.B.S. DEGREE EXAMINATION – JULY, 2018

FIRST M.B.B.S. EXAMINATION

BIOCHEMISTRY

PAPER-II

Time : 2 ½ Hours

Max. Marks : 50

Note: Answer all questions

Draw diagrammatic representation wherever necessary.

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- 1) Describe the replication of DNA with illustration. 8+2=10
 - 2) Discuss the role of buffers and kidney in p^H homeostasis. 3+7=10

WRITE SHORT NOTES ON:

5x4=20

- 3) Liver function tests
- 4) Metabolic acidosis
- 5) Purine catabolism
- 6) Structure of immunoglobulin
- 7) Structure of plasma membrane

WRITE BRIEFLY ON:

5x2=10

- 8) List the special products derived from glycine
- 9) Phenylketonuria
- 10) Write the normal values of serum sodium and potassium
- 11) List four iron containing proteins
- 12) List four antioxidants
