

500-B

M.B.B.S. DEGREE EXAMINATION – NOVEMBER, 2012
FIRST M.B.B.S. EXAMINATION
BIOCHEMISTRY
PAPER-II

Time : 2 ½ Hours

Max. Marks : 50

Answer all questions

1) Describe the process of DNA replication. 8+2=10
Enumerate the DNA repair mechanisms.

2) Write the causes and biochemical findings in 2+3+5=10
metabolic acidosis. Explain the compensatory
mechanism.

WRITE SHORT NOTES ON: 5x4=20

- 3) Gout
- 4) Gastric function tests
- 5) Structure of plasma membrane
- 6) Creatinine clearance test
- 7) Biochemical functions of Copper in the body.

WRITE BRIEFLY ON: 5x2=10

- 8) Mention the essential component (rare element)
and precursor of T₃&T₄
- 9) Functions of t-RNA
- 10) Name the four distinct phases of cell cycle
- 11) Genetic code
- 12) Four factors affecting absorption of iron

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