

500-B

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

Time : 2 ½ Hours

Max. Marks : 50

Answer all questions

1) Explain the pathway for the degradation of purine nucleotides and enumerate the associated metabolic disorders. 6+4=10

2) Give an account of transamination, deamination and transmethylation. 4+3+3=10

WRITE SHORT NOTES ON: 5x4=20

3) Regulation of plasma calcium

4) Metabolic and respiratory alkalosis

5) Plasma proteins and their functions.

6) Tumor markers.

7) Secondary structure of proteins.

WRITE BRIEFLY ON: 5x2=10

8) Differences between amylose and amylopectin

9) What are conjugated proteins? Give two examples.

10) Biochemical functions of sodium.

11) Base pairing rule

12) Alkaptonuria

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