

500-A

M.B.B.S. DEGREE EXAMINATION – JULY/AUGUST, 2014
FIRST M.B.B.S. EXAMINATION
BIOCHEMISTRY
PAPER-I

Time : 2 ½ Hours

Max. Marks: 50

Answer all questions

1) What are the different types of lipoproteins? Discuss their role in cholesterol transport. 5+5=10

2) Describe the tricarboxylic acid cycle and explain its significance. Add a note on the energetics. 3+3+4=10

WRITE SHORT NOTES ON:

5x4=20

3) Porphyrias

4) Competitive inhibition with examples.

5) Calorific value.

6) Detoxification by conjugation.

7) Functions of Vitamin C.

WRITE BRIEFLY ON:

5x2=10

8) Essential fatty acids.

9) Sickle cell anemia.

10) Dietary fibre and its role.

11) Allosteric enzymes.

12) Define Epimers. Name two Epimers.
