

500-A

M.B.B.S. DEGREE EXAMINATION – NOVEMBER, 2013
FIRST M.B.B.S. EXAMINATION
BIOCHEMISTRY
PAPER-I

Time : 2 ½ Hours

Max. Marks: 50

Answer all questions

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- 1) Explain the components of electron transport chain and the flow of electrons through them. Add a note on inhibitors and uncouplers. 3+3+2+2=10
 - 2) Define 'glycogenesis' and 'glycogenolysis'. Describe glycogenesis in detail. How is it regulated? 2+5+3=10

WRITE SHORT NOTES ON:

5x4=20

- 3) Sick cell haemoglobin
- 4) Therapeutic enzymes
- 5) Functions of cholesterol
- 6) Wald's Visual cycle
- 7) Biochemical functions of Vitamin B12

WRITE BRIEFLY ON:

5x2=10

- 8) Metalloenzymes
 - 9) Acute intermittent porphyria
 - 10) Pyruvate dehydrogenase complex
 - 11) Liposomes
 - 12) Specific dynamic action
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