2010 Scheme

First Professional MBBS Degree Supplementary Examinations

Reg. No.:

Q.P. Code: 105001

July 2022 Biochemistry – Paper I Time: 3 Hours **Total Marks: 50** Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space Answer all parts of a single question together • Leave sufficient space between answers • Draw table/diagrams/flow charts wherever necessary **Essay** (10)1. Name the aromatic amino acids. Discuss the metabolism of tyrosine and its related (1+5+4)disorders. (2x5=10)Short essays 2. Glycogen storage diseases 3. Reverse cholesterol transport Short notes (5x3=15)4. Lactose intolerance 5. Prostaglandins 6. Fatty liver 7. ATP synthase complex 8. Cardiac markers **Answer briefly** (5x2=10)9. Significance of 2,3 BPG 10. Essential pentosuria 11. Familial hypercholesterolemia 12. Deficiency features of essential fatty acids 13. Marasmus (5x1=5)Give precise answers: 14. Biochemical basis of Zellweger's syndrome 15. Mention the enzyme which is inhibited by fluoride 16. Enzyme defect in Tay sachs disease 17. What is renal glycosuria 18. Inhibitor of cytochrome oxidase ******