2010 Scheme

Q.P. Code: 105001 Reg. No.: First Professional MBBS Degree Supplementary Examinations **July 2023** 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 (10)**Essay** 1. What are the types of fatty acid oxidation. Explain in detail the oxidation of palmitic acid and its regulation (1+7+2)(2x5=10)Short essays 2. Competitive Inhibition of enzymes with examples 3. Glucose transporters **Short notes** (5x3=15)4. Transamination reactions Active transport 6. Von-Gierke's disease 7. Dietary fibre 8. Biologically important peptides **Answer briefly** (5x2=10)9. Products of HMP shunt pathway 10. PUFA (Poly Unsaturated Fatty Acids) 11. Micelles 12. Why sucrose is a non reducing sugar 13. Classification of Lipoproteins Give precise answers: (5x1=5)14. Normal range of serum urea and creatinine 15. Define hypoglycemia 16. Name aromatic amino acids 17. Enzyme deficient in Galactosemia 18. Name two causes for hyperlipidemia
