

2019 Scheme

2019 301	ieme
Q.P. Code: 115001	Reg. no.:
First Professional MBBS Degree Regu February Biochemistry	2023
Time: 3 Hours • Answer all questions to the point neatly and legibly • Indicate the question number correctly for the ansi • Answer all parts of a single question together • Leave • Draw table diagrams flow charts wherever necessary Long Essays	wer in the margin space sufficient space between answers
with its metabolism. d) Enumerate the laboratory investigation	(1) (1) acid. Mention the inborn errors associated (5+3)
Define Enzyme, what are the factors aff mechanism of enzyme regulation. Short essays	fecting enzyme activity. Explain various (2+4+9) (5x8=40)
3. How are lipids digested and absorbed. Add a 4. Explain glycolysis, regulation and its energeti 5. What is thalassemia. Discuss the clinical diagnosis of thalassemia 6. Define dietary fibres. Give suitable examples 7. Explain electron transport chain with a suitable ETC Short answers	features, molecular basis and laboratory (1+2+2+3) and their biomedical importance. (1+3+4)
8. Enumerate the sources, daily requirement an 9. Kwashiorkor 10. Hypoglycemia 11. Mitochondria 12. Name four therapeutically important enzymes	
Give Precise Answers	(10x1=10)
13. Name two metabolites of biochemical imports 14. Isoelectric pH of albumin 15. Name the essential fatty acids 16. Name two non-carbohydrates which give a p 17. Name a non-glycerol containing phospholipid 18. Enzyme defect in MSUD. 19. Give the normal reference range for • FBS 20. Name two specialized compounds derived fro 21. Give an example for substrate level phospho 22. Define epimerism	ositive Benedicts tests I and mention its significance. I வெய்ய Serum cholesterol om glycine rylation