

2019 Scheme	
Q.P. Code: 115001	Reg. no.:
Februa	egular/Supplementary Examinations ary 2023 arry - Paper I
Time: 3 Hours	Total Marks: 100  bly - Do not leave any blank pages between answers answer in the margin space eave sufficient space between answers
hypopigmentation and mousy odour  a) Name the amino acid involved b) What is the diagnosis c) What is the metabolism of the ami with its metabolism. d) Enumerate the laboratory investigation	(1) (1) (1) ino acid. Mention the inborn errors associated (5+3) ations aiding in the diagnosis. (2) ds formed from tyrosine and discuss their (3)
Define Enzyme, what are the factors mechanism of enzyme regulation.     Short essays	affecting enzyme activity. Explain various (2+4+9) (5x8=40)
<ol> <li>Explain glycolysis, regulation and its ener</li> <li>What is thalassemia. Discuss the clinic diagnosis of thalassemia</li> <li>Define dietary fibres. Give suitable examp</li> </ol>	did a note on the associated disorders (6+2) getics cal features, molecular basis and laboratory (1+2+2+3) ples and their biomedical importance. (1+3+4) plated diagram. Add a note on the inhibitors of (5+3) (5x4=20)
B. Enumerate the sources, daily requirements.  B. Kwashiorkor  C. Hypoglycemia  Mitochondria  R. Name four therapeutically important enzy.	
Give Precise Answers	(10x1=10)
3. Name two metabolites of biochemical imp 4. Isoelectric pH of albumin 5. Name the essential fatty acids 6. Name two non-carbohydrates which give 7. Name a non-glycerol containing phosphol 8. Enzyme defect in MSUD. 9. Give the normal reference range for • FB 0. Name two specialized compounds derived 1. Give an example for substrate level phosp	a positive benedicts tests lipid and mention its significance.  1814-4 614-04 S • Serum cholesterol d from glycine