

ENGLISH VERSION

Instructions : Draw neat & clean diagram wherever necessary.

- 1 (a) Define fat and explain its classification. 9
(b) Explain protein synthesis. 9

OR

- 1 (a) Give classification of carbohydrates and give its definition. 9
(b) Explain protein structure. 9

- 2 (a) Explain Glycolysis process. 9
(b) Explain Acid - base balance. 9

OR

- 2 (a) Explain kreb's cycle. 9
(b) Define protein and give its classification. 9

- 3 (a) Describe disaccharides. 9
(b) Explain fatty acids and give biological importance of fat. 9

OR

- 3 (a) Explain fluid balance. 9
(b) Explain β - oxidation of fat metabolism. 9

- 4 Write short notes : (any **four**) 16
(a) Ketosis
(b) Urea Cycle
(c) Genetic Code
(d) Active Transport
(e) Facilitated diffusion
(f) Biological role of inorganic element (any **four**)
(g) Starch
(h) Functions of protein.