

Study Guide for Exam 2

Read the whole of chapters 3 and 4 paying attention to the following:

Chapter 3

- Cell transport - facilitated diffusion, homeostasis
- Digestion and Nutrient circulation - enzymes and hormone functions, anatomy of GIT, food movement, prebiotics, probiotics ,Disease associated with digestion, Ulcer, GERD, lactose intolerance etc. Circulation of nutrients in the Body.

Chapter 4

- Classification of carbohydrates and composition - mono, di, oligo and polysaccharides
- Polysaccharides - fiber types and functions
- High fructose corn syrup
- Metabolic diseases associated with carbohydrate digestion, diverticulosis, irritable bowel syndrome (IBS).
- Diabetes - type 1 and type 2