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BCH 202 Assignment

1. Shock absorption is not a function of triacylglycerol.
2. Fatty acid are aliphatic carboxylic acid.
3. The sterol nucleus of steroid is called a cyclopentane or D ring.
4. Chylomicrons transport lipids and triglycerides from the intestine to adipose, cardiac, and skeletal muscle tissue.
5. i. Nucleus: It is the DNA replicative organelle of the cell.
ii. Mitochondria: It is the “ power house “ of the cell meaning it’s where energy is being generated in the cell.
iii. Endoplasmic reticulum: It function as bio synthesis of proteins, drug metabolism, synthesis of cholesterol e.t.c
6. Glycolipids are glycosyl derivatives of lipids such as acylglycerols, ceramides and prenols. They are collectively part of a larger family of substances known as glycoconjugates. The major types of glycoconjugates are glycoproteins, glycopeptides, peptidoglycans, proteoglycans, glycolipids and lipopolysaccharides.