

# Lebanon Evangelical School for Boys and Girls

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## Final Exams : June 2010

Teacher :LA

Subject :Chemistry-11H

### Carbohydrates

What is food?

Carbohydrates

Role of carbohydrates

Mono saccharides

Oligosaccharides - Glycosidic linkage

Sucrose-Fructose-Galactose

Polysaccharides-Starch-Glycogen-Cellulose(Importance of fiber)

### Lipids

What are lipids?

Role of lipids in the human body.

Fatty acids(X,Y)

Simple lipids-Complex lipids-Steroids

Iodine Value- hydrogenation of fats

### Proteins

What are proteins?

$\alpha$ -amino acids

Essential and non-essential amino acids

Peptide bonds

Simple proteins-Conjugated proteins

Protein structure

Protein Denaturation

Role of proteins

Biological value

### Minerals and Vitamins

Role of minerals

Macro minerals-trace minerals

## Role of vitamins

Hydro soluble and lipo soluble vitamins