DIGESTIVE SYSTEM REVIEW

Nutrition

What does the body use carbs for? Lipids? Proteins?

Vitamins – what are they, what is their role in the body?

What are minerals, what is their role?

Essential Amino Acids – what are they? How do we get them?

Give examples of polysaccharides, disaccharides, monosaccharides, proteins, amino acids, lipids. What is the final product of carbs, proteins, lipids after digestion? Why must they be broken down?

Digestion

Function of digestive system. What is chemical and mechanical digestion?

Alimentary canal – name the organs in order and what their role is in the digestive process. Does mechanical or chemical digestion occur there?

Accessory organs – liver, gall bladder & pancreas. What role do they play in digestion?

Enzymes & chemicals you should know: amylase, pepsin, HCl, bile, lipase, pepsidases, lactase, sucrase.

Structures other than major organs: uvula, epiglottis, rugae, cecum, appendix.

What are the 5 sphincter (valves) in the alimentary canal?

Where do carbs, proteins and fats get digested? Know where they begin and all places they are affected.

Know the 4 layers of the alimentary canal and what their role is.

What is vomiting, heartburn, defecation, ingestion, ulcers, constipation and diarrhea?

Know all the pictures from the packet, except for the mouth.