

Riviera International Academy

Assignment-2077

(Shrawan 20, 2077, Tuesday)

Class: Seven

Subject- HPE

Topic - Different organs of our digestive system

Study the given text and answer the following questions:

1. Write down the main activity that occurs in the following organs in our digestive system.

Mouth. Food starts to move through your GI tract when you eat. When you swallow, your tongue pushes the food into your throat. A small flap of tissue, called the epiglottis, folds over your windpipe to prevent choking and the food passes into your esophagus.

Esophagus. Once you begin swallowing, the process becomes automatic. Your brain signals the muscles of the esophagus and peristalsis begins.

Lower esophageal sphincter. When food reaches the end of your esophagus, a ringlike muscle —called the lower esophageal [sphincter](#)—relaxes and lets food pass into your stomach. This sphincter usually stays closed to keep what's in your stomach from flowing back into your esophagus.

Stomach. After food enters your stomach, the stomach muscles mix the food and liquid with [digestive juices](#). The stomach slowly empties its contents, called [chyme](#), into your small intestine.

Small intestine. The muscles of the small intestine mix food with digestive juices from the pancreas, liver, and intestine, and push the mixture forward for further digestion. The walls of the small intestine absorb water and the digested nutrients into your bloodstream. As peristalsis continues, the waste products of the digestive process move into the large intestine.

Large intestine. Waste products from the digestive process include undigested parts of food, fluid, and older cells from the lining of your GI tract. The large intestine absorbs water and changes the waste from liquid into stool. Peristalsis helps move the stool into your rectum.

- a. Mouth
- b. Oesophagus
- c. Stomach
- d. Small Intestine
- e. Large Intestine

Pancreas. Your pancreas makes a digestive juice that has enzymes that break down carbohydrates, fats, and proteins. The pancreas delivers the digestive juice to the small intestine through small tubes called ducts.

Liver. Your liver makes a digestive juice called bile that helps digest fats and some vitamins. Bile ducts carry bile from your liver to your gallbladder for storage, or to the small intestine for use.

Gallbladder. Your gallbladder stores bile between meals. When you eat, your gallbladder squeezes bile through the bile ducts into your small intestine.

2. Write down the main function of the following in our digestive system.
 - a. Pancreas
 - b. Liver
 - c. Gallbladder

Subject- English

1. Who do you think has an easier life, girls or boys? Why? In your culture, what activities are considered appropriate for boys but inappropriate for girls and vice versa? Give your answer in a couple of paragraphs.

2. Add prefix and form the opposites.

Connect, articulate, flammable, sane, comfort, mortal, agree, fortunately, legal, move able

विषय - नेपाली

पाना नम्बर ४० को ७ नम्बरमा भएको छोटो उत्तर पूरा गर।

Subject- Science

- Differentiate between dilute and concentrate solution.
- Draw a well labelled diagram of sublimation.
- Define residue.
- What is crystallization?

The End.