Digestive System

[Name of the Writer]

[Name of the Institution]

**Introduction**

Digestive system is a system that facilitates digestion. Digestions involve the breaking down of food into some smaller components so that they can be absorbed and assimilated into the body. Digestion is important because it helps the body to extract nutrients from food and drinks to keep the human body healthy (Qi et al., 2020).

**Discussion**

This system works with the help of different organs such as digestive tract, pancreases, liver, and gallbladder. Some other parts that facilitate larger organs are mouth, salivary glands, saliva, tongue, taste buds, teeth, epiglottis, pharynx, esophagus, diaphragm, stomach, spleen, liver, bile, pancreases, small intestine, cecum, large intestine, and different supplies such as that of blood, nerves, etc. (Qi et al., 2020).

**Function**

The function of the digestive system is both absorption and digestion. This process is divided into seven major processes.

**Ingestion**

It is the process of eating (Thomas et al., 2019)

**Propulsion**

It is the movement of food along the digestive tract. This function is facilitated by peristalsis, the movement of the smooth muscles that forces food to move forward (Thomas et al., 2019).

**Secretions**

Digestive system release secretion that liquefies, break the food and adjust the PH of food (Thomas et al., 2019)

**Mechanical digestion**

It is the process of physical breakdown of food. It begins with chewing and continues with the churning of muscles of stomach (Thomas et al., 2019).

**Chemical digestion**

It is the process of chemical breakdown of food by enzymes in both, small intestine and stomach (Thomas et al., 2019).

**Absorption**

It is the movement of molecules of food from the digestive tract to the lymphatic vessels and then adjacent below. It is the absorption of food in the body (Thomas et al., 2019).

**Defecation**

This process facilitates the elimination of undigested material from the body through the anus (Thomas et al., 2019).

**Conclusion**

In a nutshell, digestion system is a system of organs that are responsible for getting the food into as well as out of the body so that nutrients from food can be used by the body.

References

Qi, X., & Crouth, S. (2020). Digestive System-Recent Advances.

Thomson, J. R., & Friendship, R. M. (2019). Digestive system. *Diseases of swine*, 234-263.