ANATOMY AND PHYSIOLOGY: DIGESTIVE SYSTEM

 The digestive system provides the body with nutrients for maintenance of life.

The various organs in this system work together in the process of:

I.Ingestion – where in food from outside the body enters the alimentary tract through the mouth

2.Digestion – which could be mechanical (physical breakdown of food into smaller pieces) or chemical (enzymatic action)

3.Absorption of digested materials

4.Flimination of undigested materials

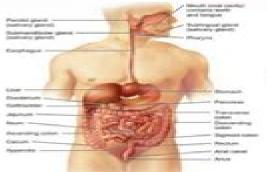
SUBDIVISION

A. Alimentary Canal

- 1. mouth
- pharynx
- esophagus.
- stomach
- 5. small intestine
- 6. large intestine
- rectum.
- amal-capal

B.Accessory digestive organs

- salivary glands.
- 2. liver and gall bladder
- posterease



A.ORGANS OF THE

GASTROINTESTINAL TRACT

LMOUTH/ ORAL CAVITY - subdivided into the:

 a. Vestibule – space between the lips and cheeks externally and teeth internally

b. Oral cavity proper - space enclosed by the teeth

Structures inside the oral cavity proper:

 Tongue – dorsal surface divided into anterior 2/3 and posterior 1/3 by the sulcus terminalis

- papillae found in this surface

a. Filiform - most numerous, with pointed ends

b. Fungiform – larger, rounded, with some taste buds

 vallate – around 8-12, located anterior to the sulcus terminalis

- contains the greatest amount of taste buds

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CH Cherryholmes

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