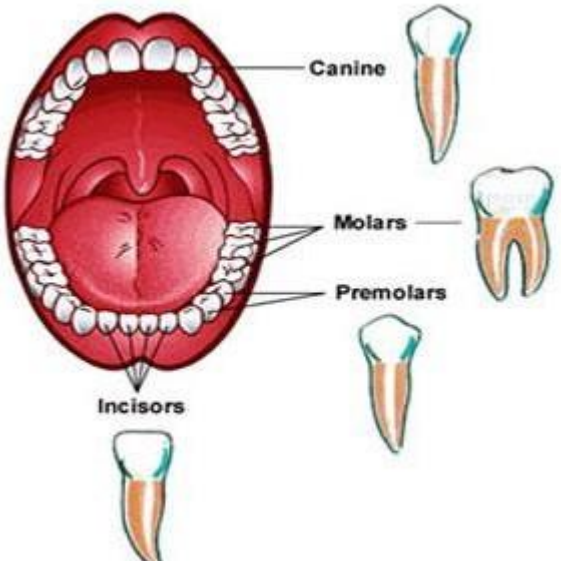



**ICSE CLASS 7 BIOLOGY**  
**INGESTION, DIGESTION, ABSORPTION AND ASSIMILATION IN HUMANS**

TYPES OF TEETH	FUNCTIONS OF TEETH	CARE OF TEETH
 <p>Canine</p> <p>Molars</p> <p>Premolars</p> <p>Incisors</p>	<p><b>FUNCTIONS OF TEETH</b></p> <p>Canines: Used for cutting, ripping, tearing food.</p> <p>Incisors: biting and cutting</p> <p>Premolars: crushing and grinding</p> <p>Molars: Crushing and grinding</p>	 <p>Brush teeth twice a day</p> <p>Change your toothbrush regularly</p> <p>Visit a dentist every six months</p> <p>Avoid foods rich in sugar</p>

			
<p><b>HUMAN</b>            OMNIVORE            SHARP INCISORS            SMALL CANINES            MODERATE            MOLARS</p>	<p><b>COW</b>            HERBIVORE            SHARP INCISORS            SMALL CANINES            BROAD LARGE            MOLARS</p>	<p><b>BEAR</b>            OMNIVORE            LIKE HUMANS            BUT CANINES            SHARPER</p>	<p><b>TIGER</b>            CARNIVORE            CANINES LIKE            FANGS            SMALL            INCISORS            MODERATE            MOLARS</p>

**DIGESTIVE PROCESSES (INDIAA)**

**I**NGESTION- Taking in food

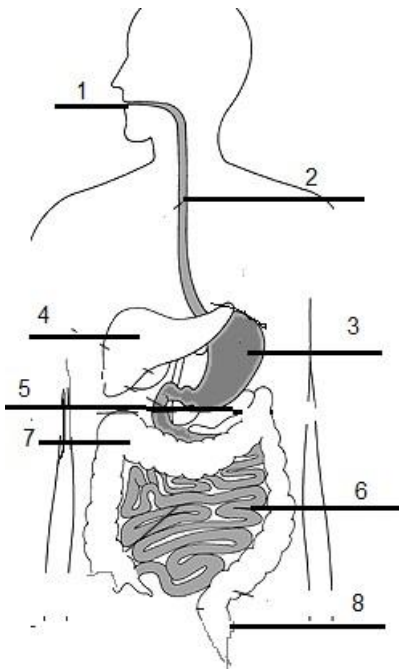
**D**IGESTION- Breakdown of complex food substances into simple soluble substances

**A**BSORPTION- Digested food diffuses into bloodstream

**A**SSIMILATION- Transport and use of absorbed food by body cells

**E**GESTION- Removal of undigested food

## PROCESS OF DIGESTION



1. **MOUTH:** Food is chewed and mixed with saliva. (ingestion). Complex sugars are broken down by enzyme in saliva
2. **OESOPHAGUS OR FOOD PIPE:** Food is pushed down by muscular contraction and relaxation.
3. **STOMACH:** Food material is broken down into simple substances by gastric juice. Digestion begins
4. **LIVER:** Bile juice is produced to help fat digestion
5. **PANCREAS:** Produces enzymes to complete digestive process in small intestine
6. **SMALL INTESTINE:** Digestion is completed. Food is absorbed into blood stream through villi
7. **LARGE INTESTINE:** Undigested food passes into large intestine. Water is absorbed
8. **RECTUM:** undigested matter is converted to faeces and egested through the anus