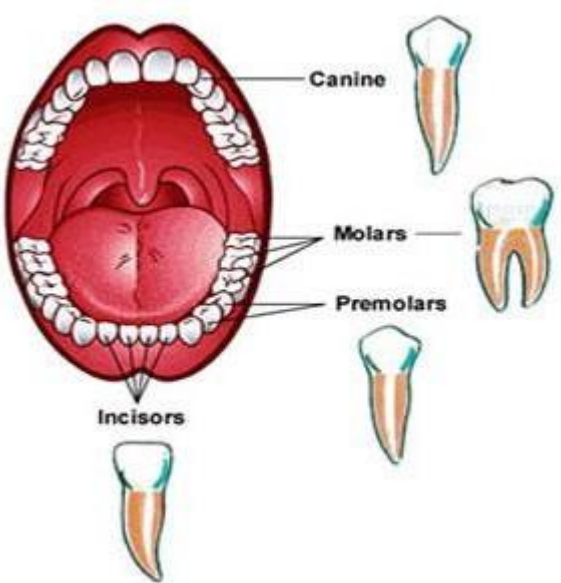







ICSE CLASS 7 BIOLOGY
INGESTION, DIGESTION, ABSORPTION AND ASSIMILATION IN HUMANS

<p>TYPES OF TEETH</p> 	<p>FUNCTIONS OF TEETH</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>CARE OF TEETH</p>  <p>Brush teeth twice a day Change your toothbrush regularly Visit a dentist every six months Avoid foods rich in sugar</p>
<div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>HUMAN OMNIVORE SHARP INCISORS SMALL CANINES MODERATE MOLARS</p> </div> <div style="text-align: center;">  <p>COW HERBIVORE SHARP INCISORS SMALL CANINES BROAD LARGE MOLARS</p> </div> <div style="text-align: center;">  <p>BEAR OMNIVORE LIKE HUMANS BUT CANINES SHARPER</p> </div> <div style="text-align: center;">  <p>TIGER CARNIVORE CANINES LIKE FANGS SMALL INCISORS MODERATE MOLARS</p> </div> </div>		

DIGESTIVE PROCESSES (INDIAA)

INGESTION- Taking in food

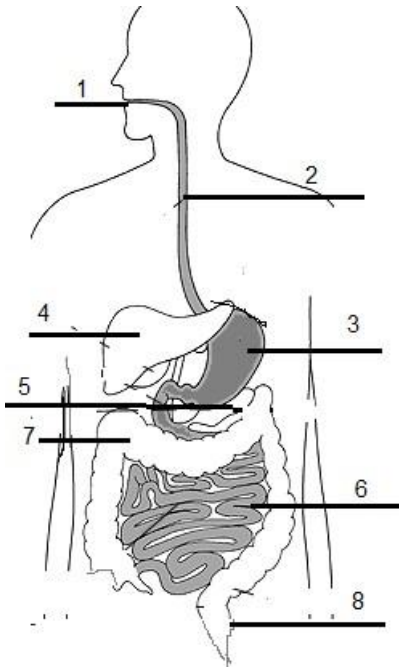
DIGESTION- Breakdown of complex food substances into simple soluble substances

ABSORPTION- Digested food diffuses into bloodstream

ASSIMILATION- Transport and use of absorbed food by body cells

EGESTION- 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