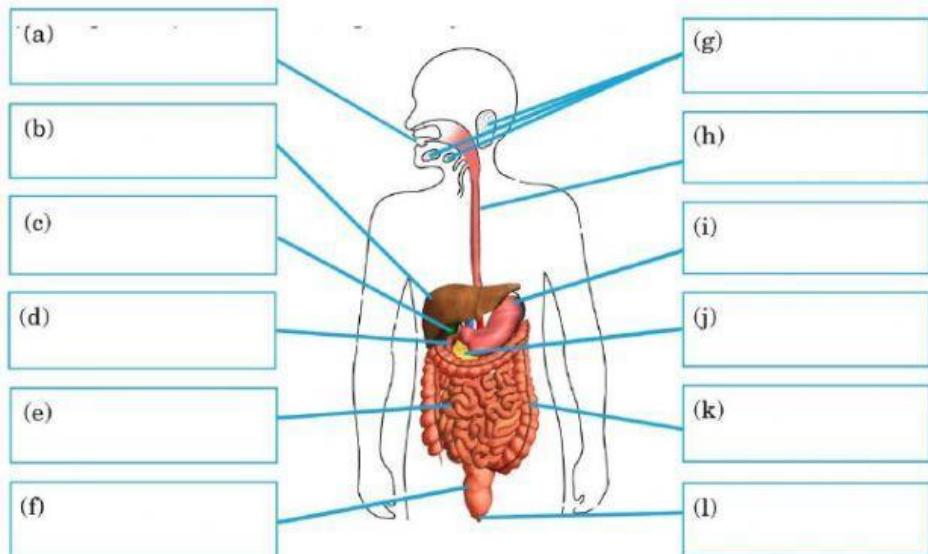


To identify the parts of the human digestive system

Buku teks m/s 60 – 63

Gall bladder
Mouth
Duodenum
Small intestine
Rectum
Oesophagus
Liver
Stomach
Pancreas
Large intestine
Anus
Salivary glands

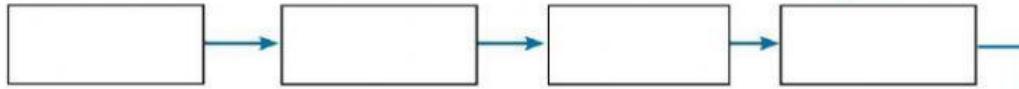
1 What is meant by digestion? TP2

Stomach

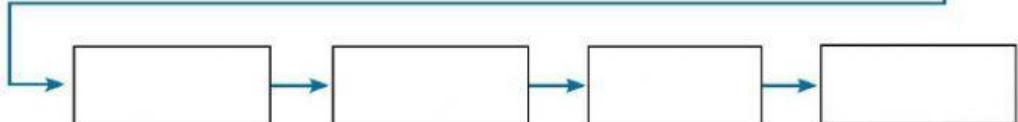
The _____ of complex or _____ food molecules into _____ molecules that are soluble and ready to be _____ by the body.

Mouth

Large intestine

2 Complete the flow map on the movement of food in the human digestive tract. TP2

Oesophagus



Small intestine

3 Complete the diagram about action of secretion in various organ in the digestive tract

Rectum

Starch

Maltose



Glucose



Anus

(Secreted by salivary glands and pancreas)

(Secreted by the small intestine)

Protease
(Secreted by the stomach)



Polypeptide

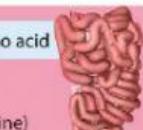
Protease



Polypeptide

Dipeptide

(Secreted by the small intestine)



Amino acid

(Secreted by the small intestine)

Fat

(Secreted by the pancreas)

Fatty acid + Glycerol



1 Match the digestive organs based on their functions

Organ Organs	Fungsi Functions
(a) Mouth	Starts the digestion of proteins
(b) Oesophagus	Secretes pancreatic juice containing enzymes
(c) Stomach	Channels bolus (lump of food) into the stomach
(d) Pancreas	Cuts food into small pieces and digests starch
(e) Liver	Stores bile
(f) Gall bladder	Digests carbohydrates, proteins and fats and absorbs digested food
(g) Small intestine	Produces bile to emulsify (break down) fats
(h) Large intestine	Stores faeces
(i) Rectum	Removes faeces from the body
(j) Anus	Reabsorbs water

2 Fill in the blank about the efficiency of absorption and transportation of digested food

Many folds

The surface of small intestine has _____.

Folded to increase the _____ of villi.

It has a large number of villi to increase its _____.

The large surface area increasing _____ of digestion food.

The wall of villus is _____.

Small sized nutrients can go through _____ in the small intestine.

Each villus is surrounded by many _____ to transport nutrients.

Undigested food _____ the wall of the villus because the molecules are _____.

Blood capillaries _____ the end product of digestion to all parts of the body.

many folds	surface area	one-cell thick	the absorption rate	too big	large number
wall of villus	blood capillaries		cannot diffuse	transport	