

Pancreas

Has exocrine & endocrine function

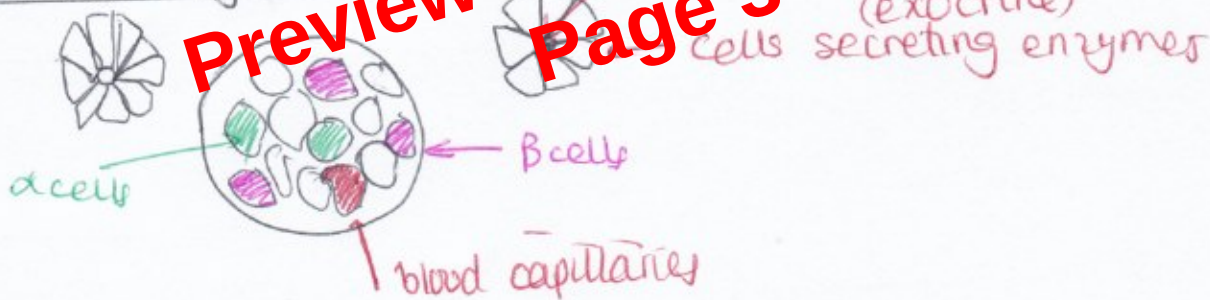
Exocrine:

- ① cells secrete digestive enzymes onto food into the duodenum
- ② eg. amylase, trypsin, lipase
- ③ Through ducts
- ④ triggered by hormone stimulation
- ⑤ Also secretes neutralising salts (NaHCO_3)

Endocrine

- ① β cells secrete insulin (glucose $\rightarrow$ glycogen) into the blood (due to high glucose)
- ② α cells secrete glucagon (low glucose)
- ③ secrete hormones in response to glucose levels
- ④ secretes hormones

Islet of Langerhans:



Pancreatic duct:

A tube to collect all secretions from exocrine cells in pancreas & carrier fluids to small intestine

Islets of Langerhans

Patches of tissue in the pancreas with endocrine function