



**FACULTY OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY**

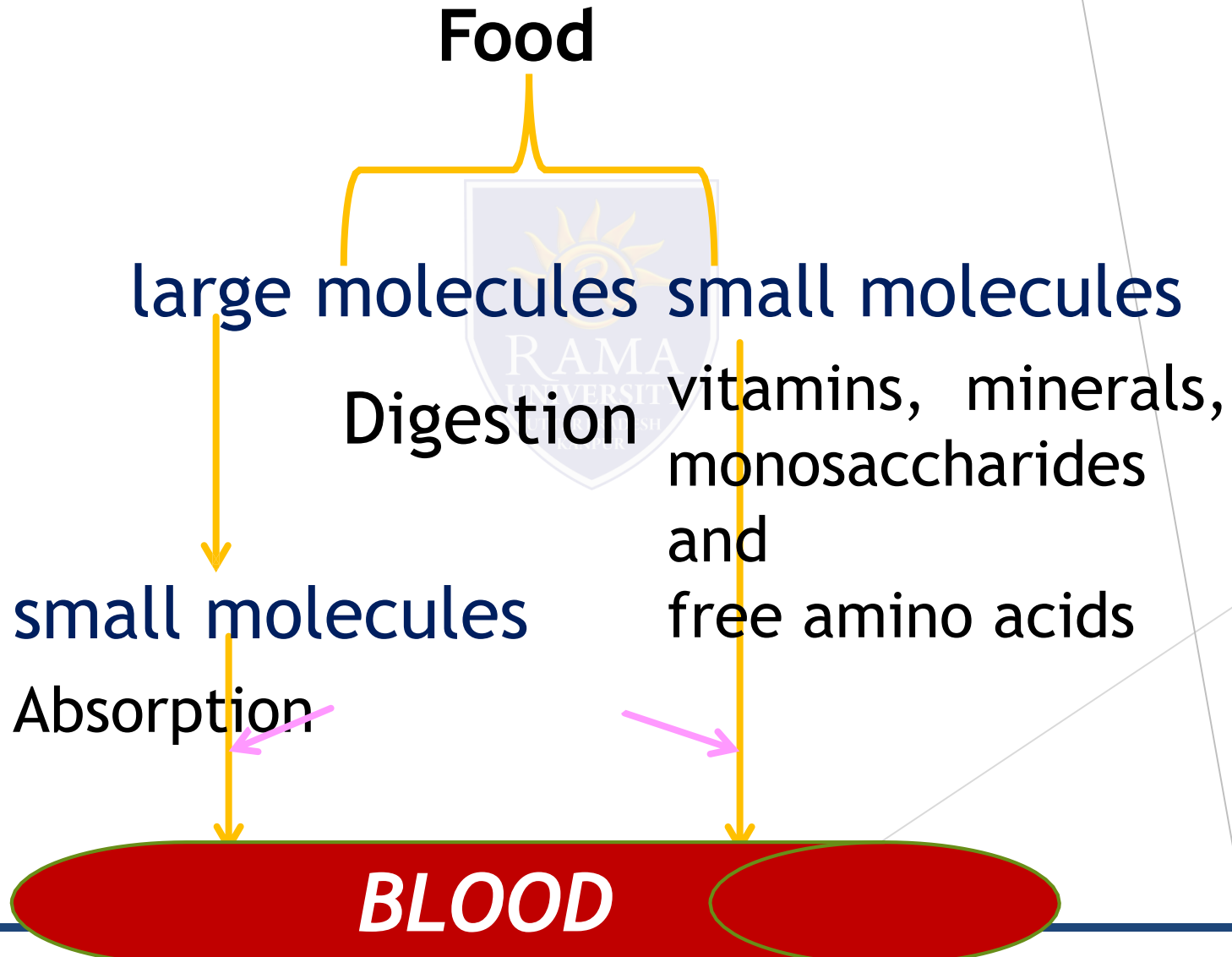
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DIGESTION OF
CARBOHYDRATE

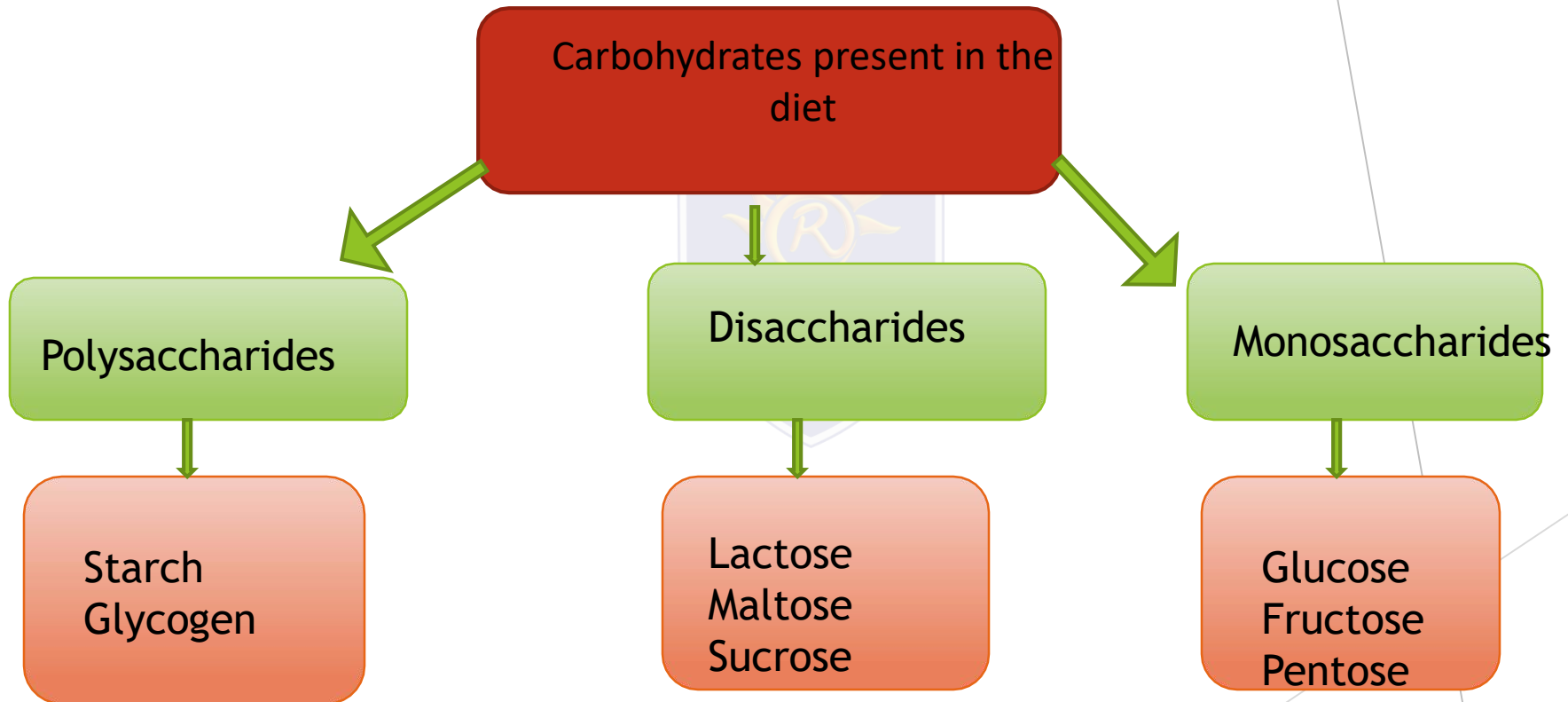
ABSORPTION OF
CARBOHYDRATE

CLINICAL
SIGNIFICANCE

Biological Importance

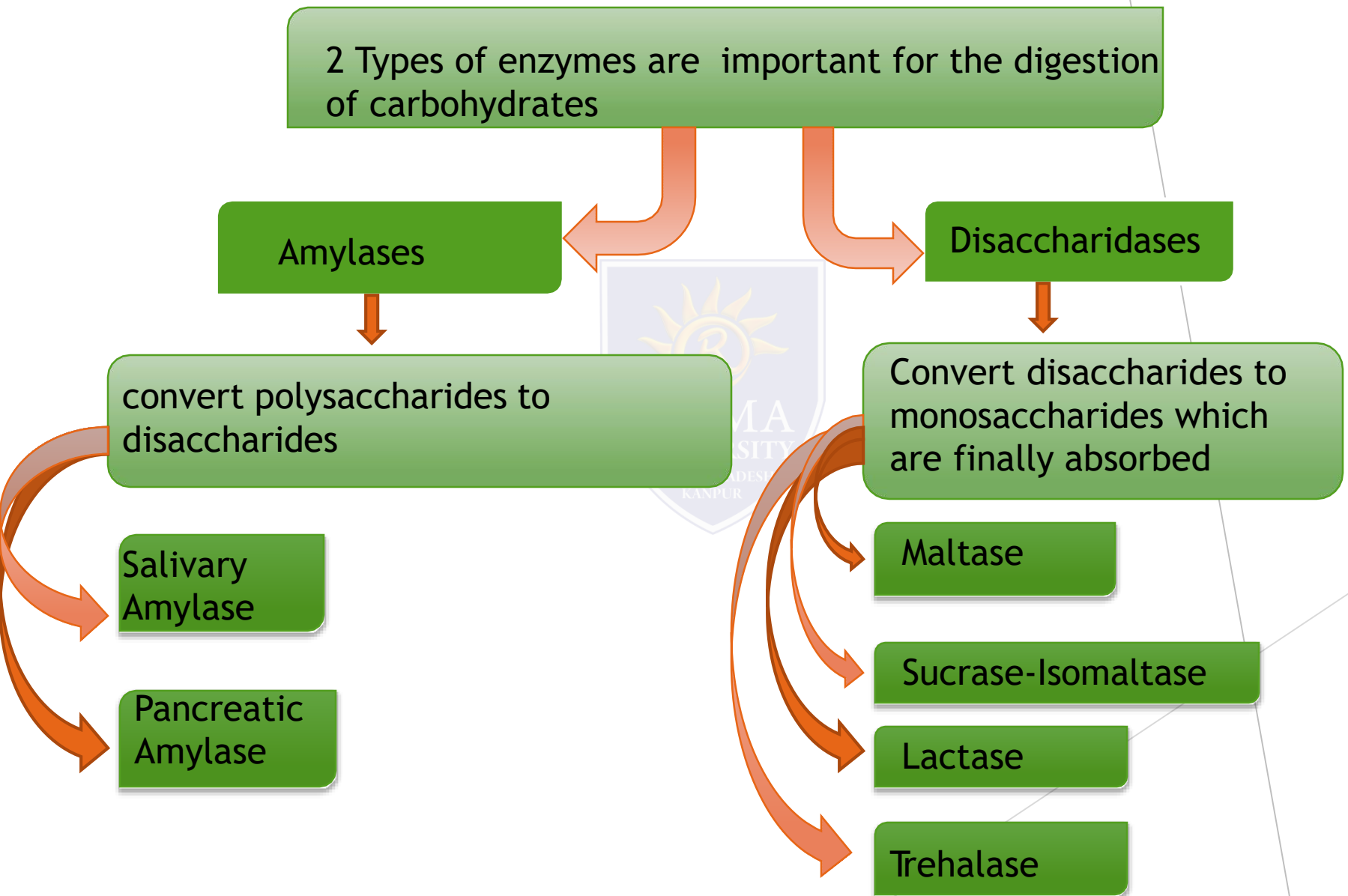


Digestion and absorption of carbohydrates

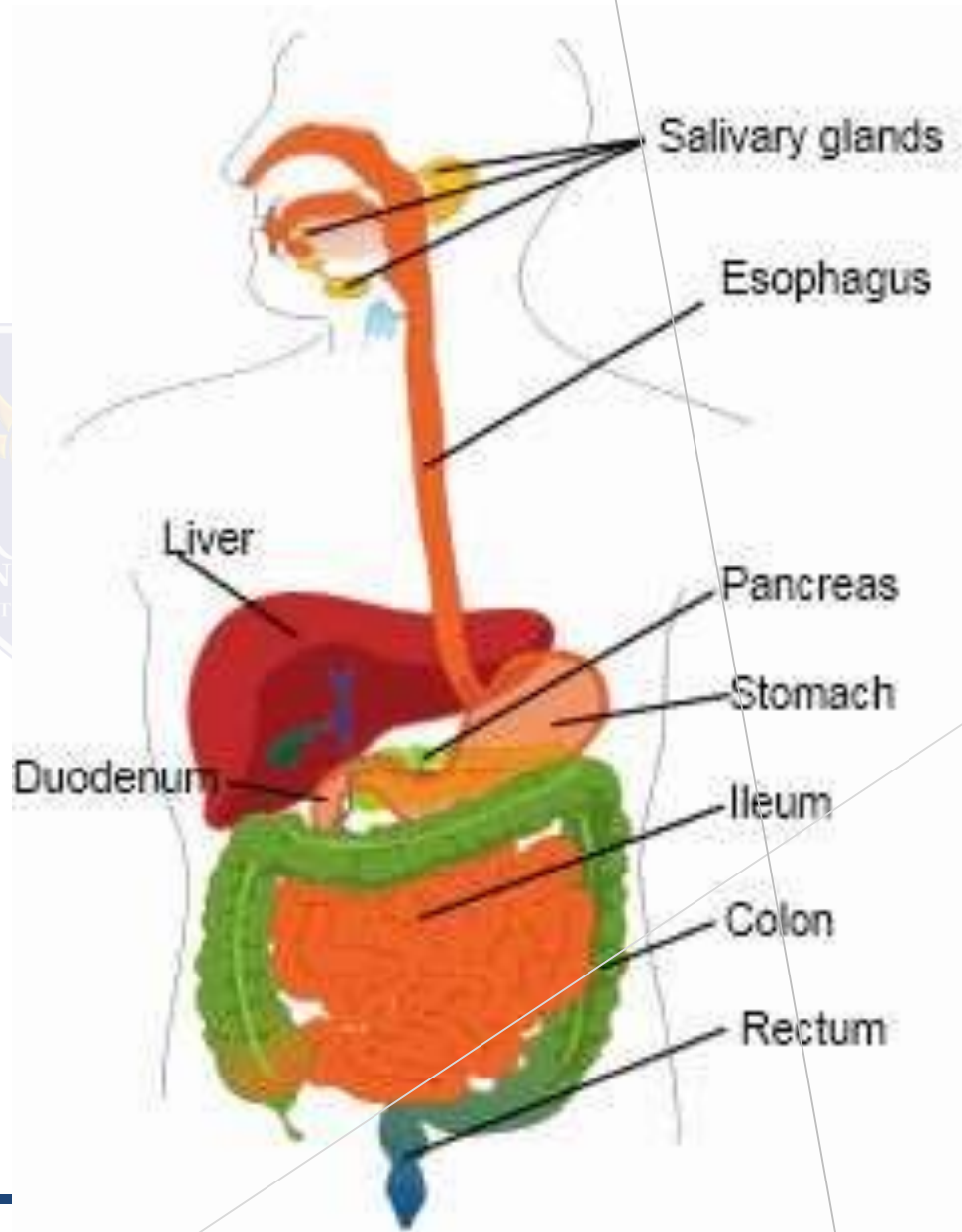
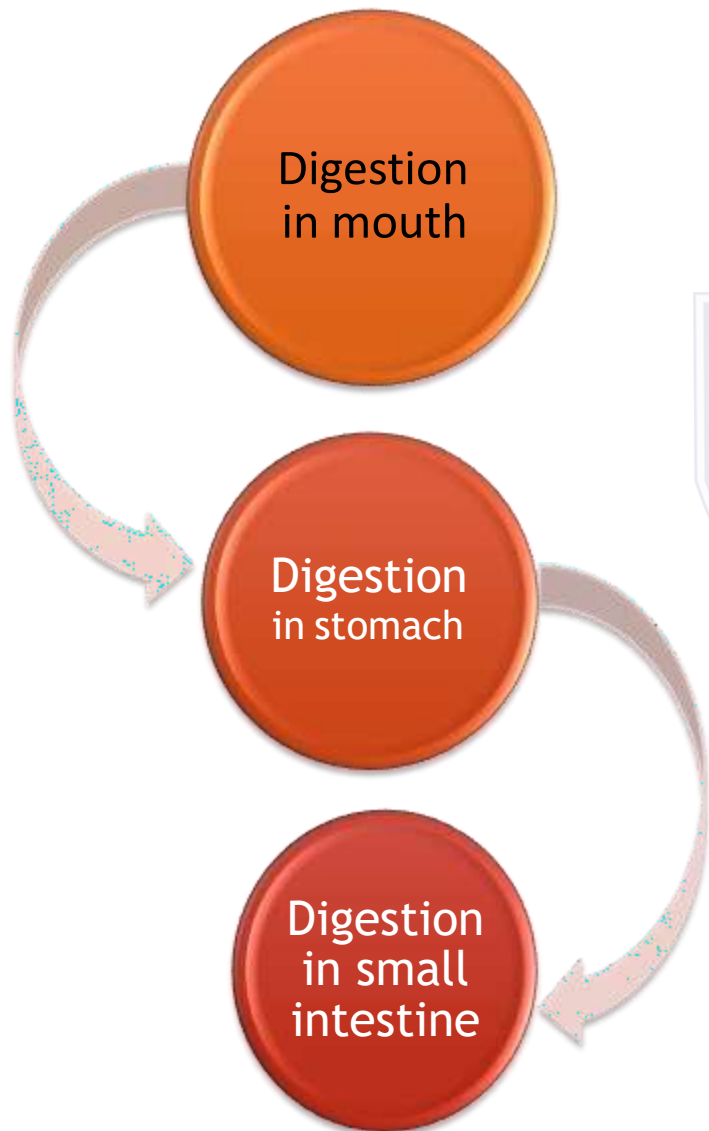


In GIT, all complex carbohydrates are converted to simpler monosaccharide form which is the absorbable form.

Details of digestion of carbohydrates



DIGESTION OF CARBOHYDRATES



Digestion in the Mouth

- Digestion of Carbohydrate starts in the mouth, upon contact with saliva during mastication.
- Saliva contains a carbohydrate splitting enzyme called **salivary amylase**, also known as **ptyalin**.

