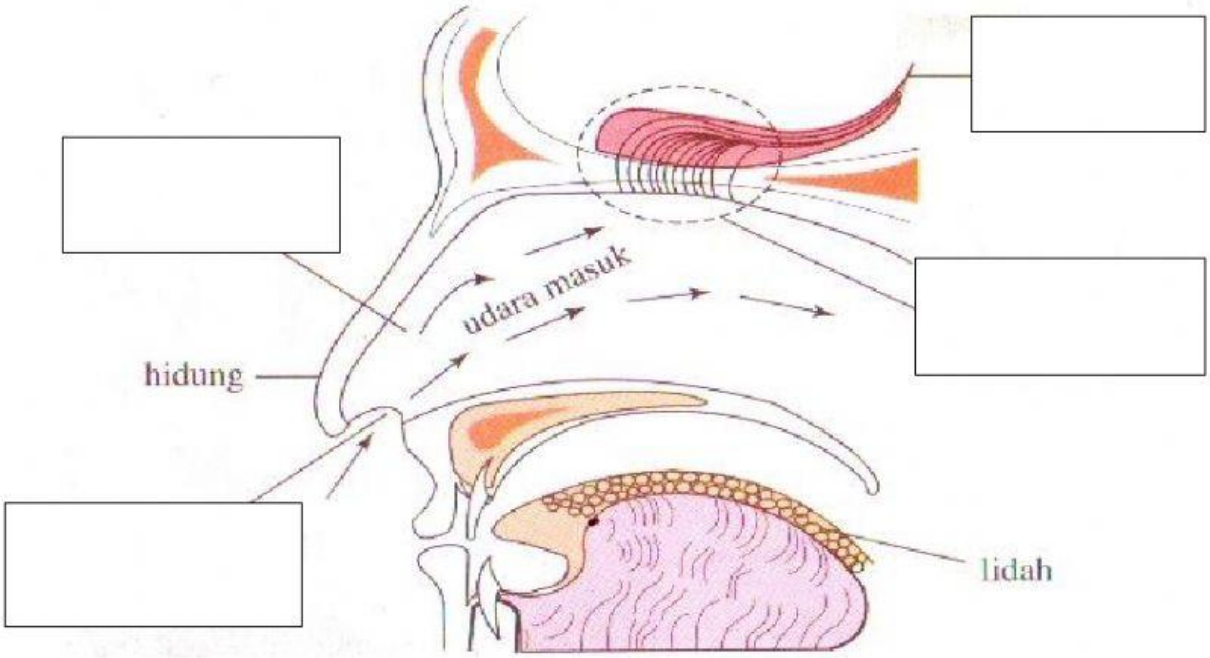
1.2 RANGSANGAN DAN GERAK BALAS DALAM MANUSIA/*STIMULUS AND RESPONSE IN HUMAN*

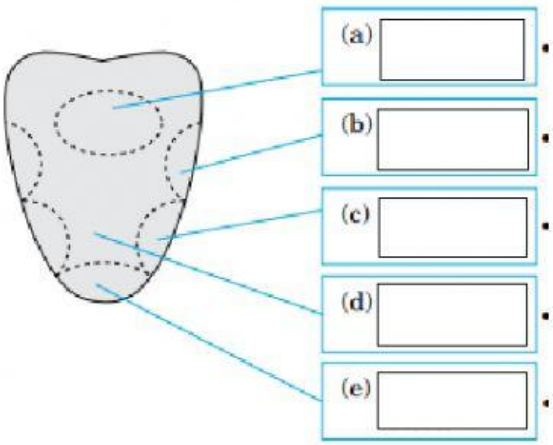
Labelkan struktur hidung dan kenal pasti kedudukan reseptor bau.
Label the structure of the nose and identify the position of the smell receptor.

Saraf *Nerve*	Rongga hidung *Nasal cavity*	Lubang hidung *Nostril*	Sel deria bau *Sensory cells of smell*



Labelkan jenis rasa pada bahagian lidah yang peka terhadapnya. Kemudian, padankan jenis makanan yang dirasa paling baik di bahagian itu.
Label the tastes which the parts of the tongue are sensitive to. Then, match the types of food that taste the best on those parts.

Masin/*Salty* Masam/*Sour* Manis/*Sweet* Umami/*Umami* Pahit/*Bitter*



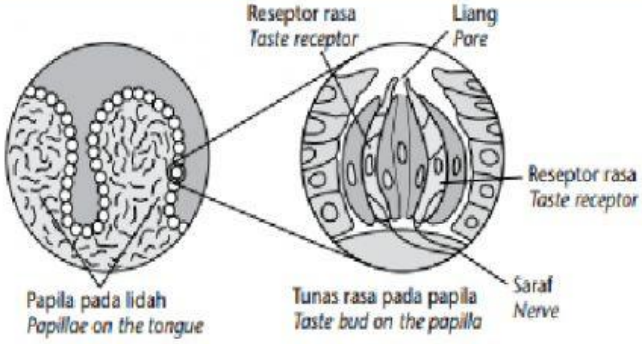
Makanan/*Food*

- Cuka *Vinegar*
- Madu *Honey*
- Peria *Bitter gourd*
- Ikan masin *Salted fish*
- Daging *Meat*

LIVEWORKSHEETS

Kaji rajah struktur lidah di bawah dan lengkapkan pernyataan. TP2
Study the diagram of the structure of tongue below and complete the statement.

Manis *Sweet*	Masin *Salty*	Masam *Sour*	Pahit *Bitter*	Reseptor rasa *Taste receptor*	Papila *Papillae*	Tunas rasa *Taste buds*	Umami *Umami*

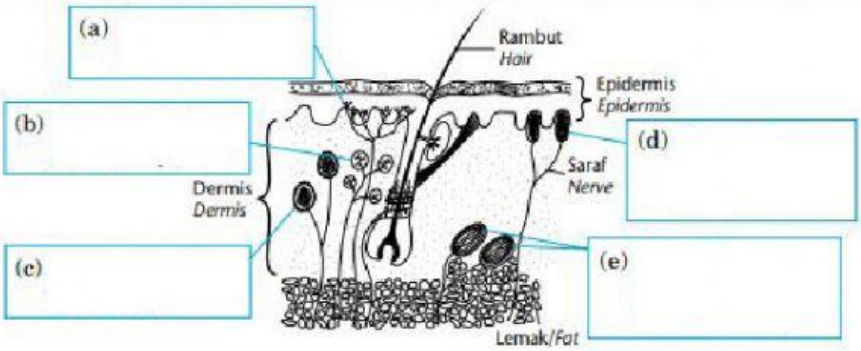


_____ (bintik kecil) pada permukaan lidah dilapisi beratus-ratus _____ yang mengandungi _____. _____ ini dapat mengesan lima jenis rasa asas, iaitu _____, _____, _____, _____ dan _____. Rasa _____ dikaitkan dengan rasa lazat seperti rasa daging dalam sup atau mononatrium glutamat (MSG).

The _____ (small spots) on the surface of the tongue are covered by hundreds of _____ containing _____. These _____ can detect the five basic types of taste, i.e. _____, _____, _____, _____ and _____. The taste of _____ is associated with a delicious taste like meat in a soup or monosodium glutamate (MSG).

Kenal pasti dan labelkan jenis reseptor berlainan yang terdapat dalam kulit.
Identify and label the different types of receptors in the skin.

Reseptor sentuhan/*Touch receptor*	Reseptor sakit/*Pain receptor*
Reseptor sejuk/*Cold receptor*	Reseptor tekanan/*Pressure receptor*
Reseptor haba/*Heat receptor*	



Nyatakan reseptor yang terletak dalam/*State the receptors situated in the* TP1

(a) epidermis/*epidermis* : _____

(b) dermis/*dermis* : _____

_____

(c) lapisan lemak/*fat layer* : _____

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