

(1)

(i)

Formic acid - ant sting.

(ii)

Malic acid - grapes

(iii)

Oxalic acid - tomatoes

2)

(a)

Alkalis

→ These compounds are a type of base that dissolves in water.

→ All alkalis are bases.

→ It gives OH^- ions in water.

→ Ex: - Sodium hydroxide, calcium hydroxide.

Bases

→ These are the substances that neutralise an acid.

→ All bases are not alkalis.

→ It ~~gives~~ does not give OH^- ions in water.

→ calcium carbonate, potassium oxide.

Just starting from the acid of carbon.

(3) CO₂ :- acidic

NH₃ :- basic.