

H.W
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1. Define the terms unisexual & bisexual giving one example of each.

Ans

Unisexual is the plant whose flowers contain either stamens or carpels but not both.

Eg:- Papaya, watermelon

Bisexual is the plant whose flowers contain both stamens & carpels.

Ex:- Hibiscus, Mustard.

2. Draw a longitudinal section of a flower and label the following -

- (i) Part that produces pollen grain.
Anther
- (ii) Part that transfers male gametes to the female gametes - Style
- (iii) Part that is sticky to trap the pollen grains - stigma
- (iv) Part that develops into a fruit.

Ovary.

3. (i) The flower of the Hibiscus plant is

Ans (a) Bisexual

(ii) The part of the flower which is present in the centre of the flower is -

(b) Carpels

(iii) Reproduction is ~~also~~ essential for living organisms in order to

(d) Continue the species generation after generations

(iv) The male reproductive part of a flower, the stamens, are collectively known as

(a) Androecium.

