

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

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

E.g - Papaya, Watermelon

Bisexual is the plant whose flowers contain both stamens & carpels

E.g - Hibiscus, Mustard.

3) i) The flower of the Hibiscus plant is

b) Unisexual

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

b) Petal

iii) Reproduction is essential for living organism in order to -

d) Continue the species generations after generation

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

a) Androecium

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

