

Unisexual and Bisexual Flower

A. Choose the Correct Answer:

1. What is a unisexual flower?

- A) A flower with both male and female parts
- B) A flower with only male or female reproductive parts
- C) A flower with no reproductive parts
- D) A flower that blooms at night

2. Which of the following is an example of a bisexual flower?

- A) Papaya
- B) Coconut
- C) Hibiscus
- D) Corn

3. What do we call the reproductive part of a unisexual flower that produces pollen?

- A) Pistil
- B) Petal
- C) Stamen
- D) Sepal


B. Fill in the Blanks:

1. A flower that contains both male and female reproductive organs is called a _____ flower.
2. _____ flowers have only one type of reproductive organ, either male or female.
3. Hibiscus and rose are examples of _____ flowers.

C. Case Study:

Rahul was helping his grandmother in the garden.

- He noticed that the hibiscus flowers had both stamen and pistil in the same flower.
- He also saw that the papaya plant had flowers with only stamen or only pistil.
- His grandmother explained that hibiscus is a bisexual flower, while papaya is unisexual.

- 
- She also mentioned that some unisexual plants need another plant of the opposite sex nearby for reproduction.

Case Study Questions:

1. What type of flower is the hibiscus?
2. Why is the papaya flower classified as unisexual?
3. What reproductive parts are found in a bisexual flower?
4. Why do some unisexual plants need another plant nearby for reproduction?

D. Short Answer Questions:

1. What is the difference between unisexual and bisexual flowers?
2. Name two examples of unisexual flowers.
3. Why are bisexual flowers more likely to self-pollinate?

E. Long Answer Questions:

1. Define unisexual and bisexual flowers with examples.
 2. Explain how pollination occurs in unisexual and bisexual flowers.
 3. Why do some plants produce unisexual flowers while others produce bisexual flowers? Explain with examples.
- 