



## **BIOLOGY**

# **BOOKS - ICSE**

# **REPRODUCTION IN PLANTS**

**Review Questions Mcq** 

1. The site of formation of pollen grains is in

the :

### A. Filament

- B. Style
- C. Pistil
- D. Anther

### **Answer:**



**2.** Grafting is a method of :

A. Artificial vegetative propagation

- B. Sexual reproduction
- C. Artificial pollination
- D. Cross-pollination

### Answer:

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**Review Questions Mcq** 

**1.** Which part of a flower is treated as the female reproductive organ of a flower?

- A. Stamens and carpels
- B. Sepals and petals
- C. Sepals and stamens
- D. Petals and carpels

#### **Answer:**

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**Review Questions Short Answer Questions** 

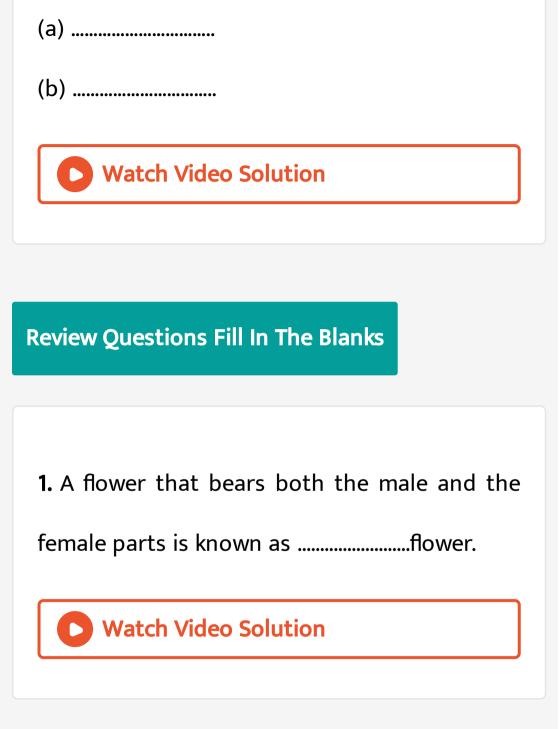
1. Write two ways in which pollination may
occur in plants.
(a)
(b)
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<b>2.</b> Name the three agents of pollination.
(a)
(b)
(c)



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<b>3.</b> Give two features of flowers which favour
pollination by insects.
(a)
(b)
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**4.** Name two characteristics of flowers in which

pollination occurs by wind.



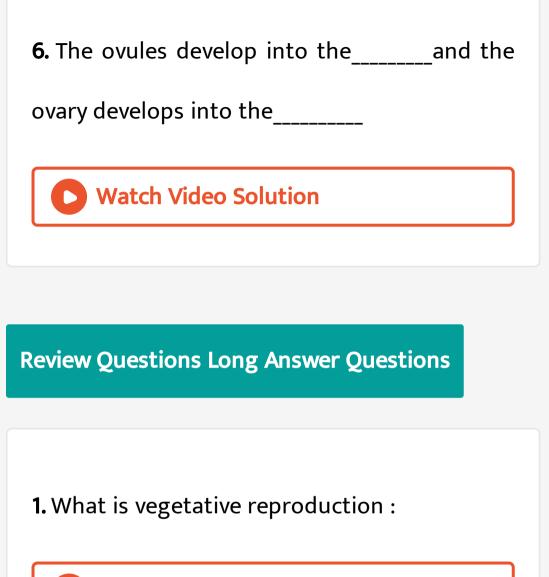
2. A flower that has only stamens is called



**3.** The transfer of the pollen grains from the anther to the stigma of a flower is called fertilization.



4. Fusion of male cell with the female cell is
called
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<b>5.</b> The ovules develop into theand the ovary develops into the
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2. Briefly explain why a gardener prefers to

grow certain plants vegetatively?



**3.** Why is it disadvantageous to grow plants

vegetatively?



**4.** What is meant by pollination Explain the structure of a germinating pollen grain with the help of a labelled diagram.



**5.** Imagine all the seeds produced by a plant happen to fall under the same plant and sprout into new plants. Mention any tro problems that will be faced by the new plants.



**6.** What is a flower? Draw a neat labelled diagram showing the L.S. of a typical flower.

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- 7. Write short notes on the following
- a) Micropropagation (b) Bryop/zijllum
- (c) Vegetative reproduction (d) Grafting

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8. How is artificial breeding more useful than

natural breeding?

