



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:



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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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2. Name the three agents of pollination.

(a).....

(b).....

(c).....





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3. 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.

(a)

(b)



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Review Questions Fill In The Blanks

1. A flower that bears both the male and the female parts is known asflower.



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2. A flower that has only stamens is called



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



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4. Fusion of male cell with the female cell is called.....



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5. The ovules develop into the _____ and the ovary develops into the _____



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6. The ovules develop into the _____ and the ovary develops into the _____



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Review Questions Long Answer Questions

1. What is vegetative reproduction :



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2. Briefly explain why a gardener prefers to grow certain plants vegetatively ?



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3. Why is it disadvantageous to grow plants vegetatively?



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



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



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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?



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9. With the help of suitable diagrams, describe
:

(a) Binary fission in plants (b) Budding in Yeast
cell



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