



2nd Term - Revision Exercises

01) The life process that gives rise to a new generation from an existing generation is referred to as reproduction. Mention the two types of reproduction of organisms.

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02) Name the type of reproduction that can be found in evolutionary advanced animals.

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03) Name two parts of plants that contribute to natural vegetative propagation.

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04) The stems of some plants are located under the ground. They are called underground stems.



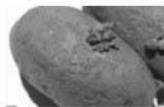
A



B



C



D

State the type of underground stems for A, B, C and D.

A B C D

05) Mention two advantages of artificial vegetative propagation.

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06) a. Write down the two methods of grafting.

1. 2.

b. Mention two special characteristics that should be shown by a stock.

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07) Tissue culture is very important among modern cultivation methods.

a) Mention two substances that should be included in the tissue culture medium.

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b) Write down two advantages of tissue culture.

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08) What is the main disadvantage of vegetative propagation?

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09) In flowering plants, the sexual reproductive organ is flower.

a) Name the parts A, B, C and D of the diagram.

b) Mention the functions of B and C.

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c) Name the parts of Androecium (Stamen) and Gynoecium (Pistil).

d) Explain the following terms.

- I. Bisexual flowers.....
- II. Monoecious plants.....
- III. Pollination.....
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e) Is the cross-pollination or the self-pollination more appropriate for a strong new generation?

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f) Write down 3 adaptations of flowers to promote cross pollination.

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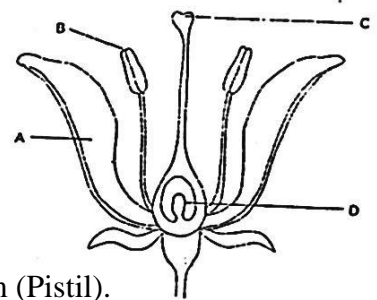
g) Name three agents of pollination that contribute the pollination of flowers.

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10) i) Write down the names given to the following parts of a flower, after the formation of fruit.

(A) Fertilized ovules..... (B)

Ovary.....



(C) Wall of the ovule..... (D) Wall of the Ovary.....

ii) What is the name given to the process of developing fruits without fertilization?

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11) i) Name the four principle methods of dispersal of fruits and seeds.

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ii) Write two benefits of dispersal of fruits and seeds.

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iii) What are the methods of dispersal of the following fruits and seeds?

Mango..... Rubber.....
Lotus..... Hora.....

12) i) The sexual maturity of human is called as puberty (adolescence).

	Female	Male
Secondary sexual characteristics		

ii) Name the hormone produced in the male reproductive system.

iii) Write 2 functions of the female reproductive system.

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iv) How long does it take for one menstrual cycle to complete?

v) Name the 2 main stages that are divided according to the changes that take place in the ovary.

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vi) There are three main stages of changes in the uterus during the menstrual cycle. Name them.

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13) i) What does fertilization mean?

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ii) Where does the fertilization process of human take place?

14) i) Write down two possible ways of transmitting of sexually transmitted diseases.

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ii) Mention two symptoms of herpes.

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iii) What is the virus that causes AIDS?