

Assignment Subject: - Science Class: - V Teacher: - Mrs. Harpreet Kaur

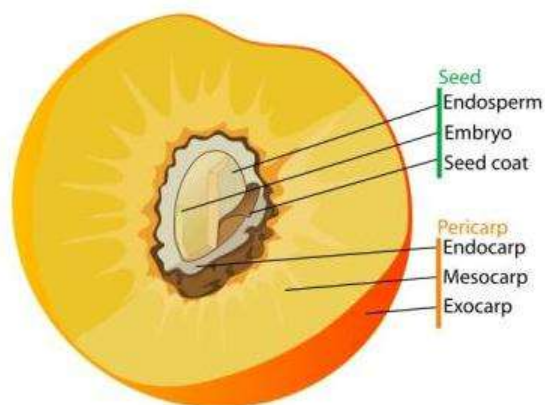
Name: _____ Class & Sec: _____ Roll No. _____ Date: 02.04.2020

Reproduction of Plants

1. Describe layering method of artificial vegetation propagation.
2. Name any two examples of cutting artificial vegetation propagation.
3. Choose correct option: Which plant does have vegetative reproduction through subaerial stem?
 - A) Onion
 - B) mint
 - C) ginger
 - D) potato
4. Choose the correct option: What is vegetative part of the plant from given option.
 - A) stem
 - B) fruit
 - C) seed
 - D) flower
5. Name any two good pollinating animals for flowers.
6. What is a vegetative reproduction?
7. Describe the cutting method of artificial vegetation propagation.
8. What is a reproduction?
9. Fill in the blanks: In _____ plant, vegetative reproduction happens through leaves.
 - A) Bryophyllum
 - B) rose
 - C) ginger
 - D) onion
10. Explain the structure of fruit?
11. Fill in the blanks: In _____ reproduction resulting plant is a clone of the parent plant.
 - A) Vegetative
 - B) sexual reproduction
12. Draw the diagram of cutting artificial vegetation propagation?
13. Fill in the blanks: Seeds which have two cotyledons are known as _____.
 - A) monocot.
 - B) dicot
14. Draw the diagram of layering artificial vegetation propagation?
15. Explain the process of fertilisation in plants.
16. Draw the diagram of air layering artificial vegetation propagation?
17. What are the types of reproduction in plants?
18. Describe the ways of transfer of seeds?
19. Name any two good pollinating animals for flowers.
20. Draw the diagram of fruit?

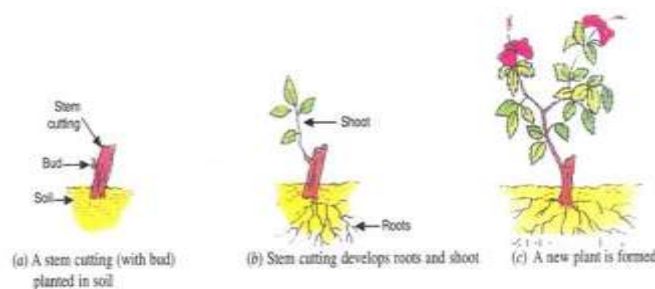
Answers

1. A stem of a plant is bent down until it touches the soil. Further, a stem is cut when it develops roots. This grows into the new plant. e.g. rose, lemon, jasmine
2. Mango, guava, litchi, lemon, rose.
3. Option B
4. Option A
5. 1. Hummingbirds 2. Nectar feeding bats
6. Some plants produce new plants from vegetative parts like stem, root, leaves. The resulting plants are clones of the parent plant. e.g.. Rose, mango
7. A part of the stem is cut and cut end grows into a new plant when placed in moist soil. e.g. mango, guava, litchi, lemon, rose.
8. Reproduction is the process by which living things make young ones like themselves.
9. Option A
10. The fruit has fruit has got seed/seeds covered by fruit wall called as pericarp. The pericarp is fruit wall which has got one or more seeds inside. Pericarp has three layers such as 1. Epicarp (outer layer) forms a skin. 2. Mesocarp (Middle layer) is a fleshy edible part. 3. Endocarp (Inner layer) protects the seed. The seed has got three layers such as i. seed coat (outer layer) ii. endosperm (middle layer) iii. embryo (inner layer).



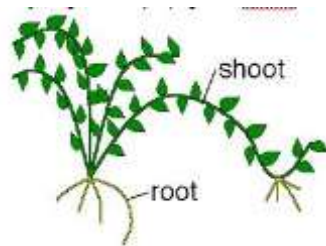
11. Option A

12.



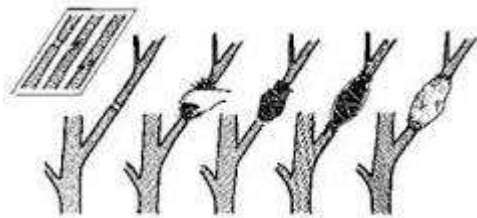
13. Option B

14.



15. When pollination is successful, the pollen joins the egg present in the ovary and become a seed. This is called fertilisation. After fertilisation, the ovary swells and changes into fruit.

16.



17. There are two types of reproduction: 1.Reproduction through seeds 2.Reproduction through different parts of plants such as leaf, roots, stems.

18. 1. Seed dispersal by explosion- When seeds are ready/ ripe, seed pod dries and become ready to

19. 1. Hummingbirds 2. Nectar-feeding bats

20.

