

Reproduction in Plants Worksheet

1. Which of the following parts of a plant take part in sexual reproduction?

(i) Flower

(ii) Seed

(iii) Fruit

(iv) Branch

Choose the correct answer from below.

(a) (i) and (ii)

(b) (i), (ii) and (iii)

(c) (iii) and (iv)

(d) (ii), (iii) and (iv)

2. Lila observed that a pond with clear water was covered up with green algae within a week. By which method of reproduction did the algae spread so rapidly?

(a) Budding

(b) Sexual reproduction

(c) Fragmentation

(d) Pollination

3. The 'eye' : potato plant :: 'Bud':

(a) the root is to any plant.

(b) the bud is to a flower.

(c) the bud is to Bryophyllum leaf.

(d) the anther is to stamen

4. Which of the following statements is/are true for sexual reproduction in plants?

(i) Plants are obtained from seeds.

(ii) Two plants are always essential.

(iii) Fertilisation can occur only after pollination.

(iv) Only insects are agents of pollination.

Choose from the options given below.

(a) (i) and (iii)

(b) (i) only

(c) (ii) and (iii)

(d) (i) and (iv)

5. Boojho had the following parts of a rose plant – a leaf, roots, a branch, a flower, a bud and pollen grains. Which of them can be used to grow a new rose plant? Name and explain the method.
6. In the diagram given below, label the parts marked (a), (b) and (c).

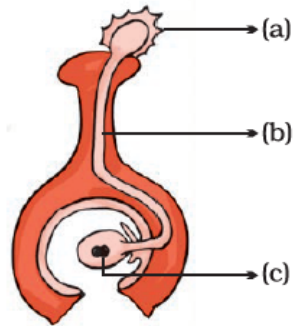


Fig. 12.2

7. Why is pollination important for sexual reproduction in plants?