

## Chapter 5: Plant Reproduction

### Worksheet 1

#### 1. Fill in the blanks.

- (i) \_\_\_\_\_ is the male reproductive part of a plant.
- (ii) \_\_\_\_\_ is the outer covering of a seed.
- (iii) Seeds of dandelion are dispersed by \_\_\_\_\_.
- (iv) The fusion of male and female gametes is called \_\_\_\_\_.
- (v) The \_\_\_\_\_ develops into a baby plant.

#### 2. Write T for true and F for false statement.

- (i) A seed has a baby plant inside it.
- (ii) The seeds of lotus are dispersed by air.
- (iii) A germinating seed needs air to breathe.
- (iv) Radicle is a small shoot coming out of seed.
- (v) Gametes help in vegetative reproduction.

#### 3. Tick (✓) the correct answer.

- (i) It is the part of a seed – Cotyledon / Zygote
- (ii) The baby shoot – Radicle / Plumule
- (iii) Vegetative reproduction in *Bryophyllum* occurs by – Stem / Leaf
- (iv) Seeds of this plant are dispersed by wind – Cotton / Cocklebur
- (v) This makes the seed coat soft – Air / Water

## Chapter 5: Plant Reproduction

### Worksheet 2

#### 1. Give one word for the following.

- (i) The scattering of seeds away from the parent plant
- (ii) A small shoot coming out of the seed
- (iii) Reproduction which is carried out by union of male and female gametes
- (iv) Structure formed by the process of fertilisation
- (v) A plant in which vegetative reproduction occurs from leaves

#### 2. Match the following.

##### Column A

- (i) Carrot
- (ii) *Bryophyllum*
- (iii) Rose
- (iv) Potato
- (v) Ginger

##### Column B

- (a) Eyes
- (b) Roots
- (c) Buds
- (d) Stem
- (e) Leaves

#### 3. Answer these questions.

- (i) What is germination of seed?
- (ii) What is a seedling?
- (iii) What is vegetative propagation?
- (iv) Which structure in seed stores food for baby plant?
- (v) What are gametes?