

## Chapter 2: The Flower

### Worksheet 1

#### 1. Fill in the blanks.

- (i) Seed germination is the activation of inactive \_\_\_\_\_ .
- (ii) The seeds of winter plants grow between \_\_\_\_\_ temperature.
- (iii) The seeds of cotton are dispersed by \_\_\_\_\_ .
- (iv) \_\_\_\_\_ are the seed leaves.

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

- (i) Seed is a fertilised ovule.
- (ii) Endocarp is the fleshy part of a fruit.
- (iii) Germinating seeds respire.
- (iv) Gynoecium is formed of pistil, carpel and ovary.

#### 3. Match the following.

##### Column A

- (i) Embryo
- (ii) Maize
- (iii) Lotus
- (iv) Pollen grains
- (v) Endosperm
- (vi) Radicle

##### Column B

- (a) Dry fruit
- (b) Insect pollination
- (c) Baby plant
- (d) Food store
- (e) Baby root
- (f) Male gametes

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### Worksheet 2

#### 1. Define the following.

- (i) Fertilisation
- (ii) Pollination
- (iii) Plumule
- (iv) Complete flower

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

- (i) The seeds which have one cotyledon
- (ii) The type of germination in which cotyledons remain underground
- (iii) The flower which has one of the whorls missing
- (iv) The unit of androecium

#### 3. Tick the correct answer.

- (i) Epigeal germination is found in
  - (a) Maize
  - (b) Gram
  - (c) Pea
  - (d) Bean
- (ii) The optimum temperature range for grains of rice to grow is
  - (a) 10°C – 20°C
  - (b) 20°C – 30°C
  - (c) 25°C – 40°C
  - (d) 35°C – 40°C
- (iii) The accessory whorls of flowers are
  - (a) Calyx and corolla
  - (b) Calyx and androecium
  - (c) Calyx and gynoecium
  - (d) Androecium and gynoecium
- (iv) Flower is a modified
  - (a) Root
  - (b) Shoot
  - (c) Node
  - (d) Internode