

## Chapter 2: Kingdom Classification

### Worksheet 1

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

- (i) Gymnosperms do not bear flowers.
- (ii) In angiosperms, seeds are found inside the fruit.
- (iii) Bryophytes are called amphibian plants.
- (iv) Monocot seeds have two seed leaves.
- (v) Angiosperms bear true flowers.

#### 2. Fill in the blanks.

- (i) Bacteria are \_\_\_\_\_ organisms.
- (ii) Bread mould is a \_\_\_\_\_ .
- (iii) Moss is a member of the group \_\_\_\_\_ .
- (iv) The leaves of \_\_\_\_\_ bear sori on their undersurface.
- (v) Grasses have \_\_\_\_\_ cotyledon(s).

#### 3. Match the following.

##### Column A

- (i) *Mucor*
- (ii) Algae
- (iii) Cones
- (iv) Pomegranate

##### Column B

- (a) Gymnosperms
- (b) Saprophyte
- (c) Flowering plant
- (d) Autotroph

#### 4. Tick the correct answer.

- (i) Which of the following is a Moneran?  
(a) Bacteria                      (b) *Amoeba*                      (c) Bread mould                      (d) *Spirogyra*
- (ii) Wheat is a / an  
(a) gymnosperm                      (b) angiosperm                      (c) fern                      (d) bryophyte
- (iii) Mosses are found in  
(a) dry places                      (b) moist places                      (c) sea                      (d) riverbed
- (iv) Which of the following are called 'seed leaves'?  
(a) Embryos                      (b) Cotyledons                      (c) Ovaries                      (d) Seed coats

## Chapter 2: Kingdom Classification

### Worksheet 2

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

- (i) Seed-bearing structures of gymnosperms are called cones.
- (ii) Kingdom is the highest category of classification.
- (iii) Kingdom Protista includes unicellular eukaryotes.
- (iv) Saprophytes derive their food from dead and decaying organic matter.

#### 2. Fill in the blanks.

- (i) All pulses are \_\_\_\_\_ plants.
- (ii) Cabbage and radish are \_\_\_\_\_ plants.
- (iii) \_\_\_\_\_ gave five-kingdom classification system.
- (iv) \_\_\_\_\_ are the most primitive thallophytes.

#### 3. Distinguish between the following.

- (i) Gymnosperms and angiosperms
- (ii) Monocot and dicot plants
- (iii) Bryophytes and pteridophytes

#### 4. Draw the following.

- (i) A dicot seed
- (ii) Hierarchy of categories of classification from lowest to highest