

# KCP SIDDHARTHA ADARSH RESIDENTIAL PUBLIC SCHOOL

Kanuru, Vijayawada – 520 007

## FORMATIVE ASSESSMENT – I (PAPER PEN TEST) 2014-15

Class : V

Marks : 30

Sub : Science

Time : 1 Hr.

### I. Fill in the Blanks.

4 x ½ = 2M

- \_\_\_\_\_ arises from the radical.
- \_\_\_\_\_ are also called winter crops.
- Removing unwanted plants is called \_\_\_\_\_.
- \_\_\_\_\_ plants can be grown in both seasons.

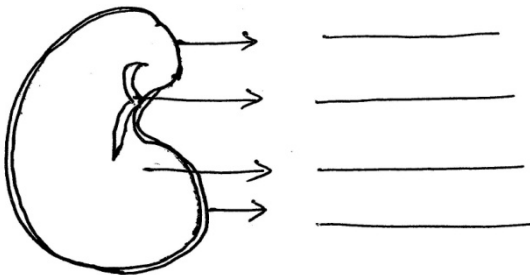
### II. Unscramble the given words:

4 x ½ = 2M

- O \_ ga \_ i \_
- C \_ lti \_ at \_ on
- V \_ get \_ t \_ ve
- D \_ Sp \_ rs \_ l

### III. Label the parts of a seed:

4 x ½ = 2M



### IV. Match the following:

4 x ½ = 2M

#### A

- Paddy [ ]
- explosion [ ]
- plumule [ ]
- potato [ ]

#### B

- stem
- shoot part
- kharif crop
- pod

### V. Draw a diagram to show the stages of germination.

2M

### VI. Answer the following questions:

7 x 2 = 14M

- Define germination. What does a seed need to germinate?
- Ram threw an unpeeled potato into the soil. He was surprised to see a potato plant grow from it. Why did this happen?
- Mention the functions of a seed coat and cotyledon.
- What is the advantage of seed dispersal?
- A farmer sows the seeds of a crop in the month of July and harvests the crop in autumn. Which type of crop is it? Give 2 examples of such crops.
- Mention the different steps involved in the process of cultivation.
- What are the 3 things that a farmer should keep in mind while sowing seeds?

### VII. Answer the following questions.

2 x 3 = 6M

- Write the differences between organic and inorganic manure.
- Give one example of the following:
  - A seed that has fibrous covering.
  - Seed that has hooks
  - Seed that is found in pods.