

ST. ARNOLD'S CENTRAL SCHOOL,PUNE.
TERM -1 EXAMINATION, 2017-18
SUBJECT -SCIENCE.

STD: VI

M.M: 80

1.Fill in the blanks.

(1x7=7)

- a.The substance in which the solute dissolves is called a _____.
- b.Materials that allows some amount of light to pass through them are called _____.
- c.Nepal, Bangladesh are the countries which are the main producers of _____ fibre.
- d.No rainfall for a year or more years leads to _____ in a particular region.
- e. _____ is the instrument which shows the wind direction of a place.
- f.Animals like frogs have _____ to catch insects.
- g.The component of air used by the green plants for making their food is _____.

2.State true or false

(1x7=7)

- a.Ovary changes into fruit after pollination.
- b.Nylon and rayon are natural fibres.
- c.The shine of the materials is called luster.
- d.Solubility can be increased by adding the mixture in the form of crystals .
- e.The flat green part of the leaf is called leaf-blade or lamina.
- f. Atmosphere is essential for life on the earth
- g.Air contains 80% of nitrogen gas

3.Give two examples.

(1X8=8)

- a.Methods of conservation of water _____, _____.
- b.Water soluble vitamins _____, _____.
- c.Roots that we eat _____, _____.
- d.Natural fibres _____, _____.

4. Define the following.

(1x6=6)

- | | | |
|--------|------------------------|-----------------|
| a.Dam | b.Sprouting | c. Solubility. |
| d.Coir | e. Reticulate venation | f. Constipation |

5.Match the flowing.

(1/2x6=3)

- | A | B |
|----------|--|
| a)carrot | (i) female reproductive part of a flower |
| b)carpel | (ii) modified stem |
| c)anther | (iii) modified root |
| d)onion | (iv) different types of teeth. |
| e)shark | (v) male reproductive part of a flower |
| f)bear | (vi) has several teeth |

6.Give reason.

(2x4=8)

- a.Bhojo saw his mother sieving wheat flour before making chapatis. He told her not to do so. Why did Bhojo say like that to his mother?

- b. Since it is rainy season, we see many earthworms, snakes in our surroundings. What makes these animals to come out of their burrows during this season?
- c. Cooking utensils are made up of copper and aluminum, but their handles are made of hard plastic or wood.
- d. Scavengers and decomposers play an important role for our nature.

7. Differentiate between.

- a. Stamen and carpel.
- b. Floods and drought.
- c. Weaving and knitting.

(2X3=6)

8. Short answer questions.

- a. What type of soil is needed for growing jute plant?
- b. Write some common properties of materials.
- c. Since it is a windy day, Ramu and his wife are busy in cleaning their harvested crop. They were following a particular method to clean their grains from husk.
- (i) Name the method which they are following.
- (ii) What role does the wind play here?

(2x6=12)

- d. Sonali and Raj were playing in the garden. They were discussing about roots and leaves of different plants. Raj was a clever boy, without uprooting any plant he was able to tell the type of root system of a particular plant.

- (i) Explain how Raj tells about root system.
- (ii) What value does Raj teach us by not uprooting the plants?

- e. Rahul was having a severe pain in his bones. When he went to a doctor, the doctor examined and advised him, to spend some time in sunlight during early hours of the day. So his body can prepare a particular vitamin which he lacks in his body.

- (i) Name the vitamin which Rahul lacks in his body.
- (ii) Name any two sources of that vitamin.

- f. Why do we need to separate different components of a mixture? Give two methods of separation.

9. Long answer questions.

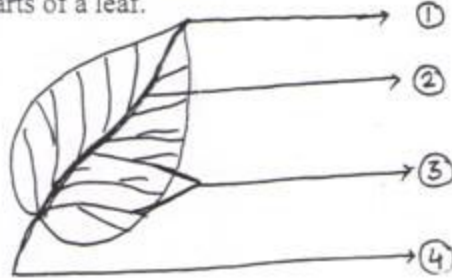
- a. Paheli went to her grandmother's village for vacation. She saw children under the age of 5 with stunted growth, large pot like belly, and swelling of face.

(5X3=15)

- (i) Name the disease from which these children are suffering.

- (ii) Which food components are lacking in their diet? What are they called?
(iii) Write any two sources of that food component.
(iv) Why does human body need such food components?

b. (i) Label the following parts of a leaf.



- (ii) What type of venation does the leaf have?
(iii) What type of venation is seen in grass leaves, give two more examples of such plants.

c. With the help of a well labeled diagram explain the activity that shows air supports burning.

10. Draw and label

(2x4=8)

- a. Water cycle
c. Self pollination

- b. Tap root and fibrous root
d. Wind mill