



RAMAGYA SCHOOL, NOIDA
CLASS V/SCIENCE/2018-19
OLYMPIAD PRACTICE WORKSHEET

Name- _____

class- _____

Concept Based Questions

Q.1) The four boxes P, Q, R and S given below contain the edible parts of the plants.

P	Q	R	S
Rice	Mango	Carrot	Potato
Pulses	Pumpkin	Turnip	Sugarcane

Ginger can be placed in which of the four boxes?

- a) R b) Q c) P d) S

Q.2) The figure given below shows an experiment.



The plants are responding to

- a) touch b) sunlight c) gravity d) water

Q.3) The food making process of plants is called _____.

- a) Perspiration b) Transpiration c) Photosynthesis d) Digestion

Q.4) A fertilized egg of a plant turns into _____.

- a) Root b) Food c) Fruit d) Flower

Q.5) The process of joining the female sex cell with the male sex cell is called.

- a) Perspiration b) Transpiration c) Fertilization d) Evaporation

Q.6) Which process is not a part of plant's reproduction cycle ?

- a) Flowering b) Pollination c) Germination d) Watering

Q.7)What are the three essential ingredients for Germination?

- a) Water, soil and warm temperature
- b) Air, light and warm temperature
- c) Water, light and soil
- d)Water, light and warm temperature

Application Based Questions

Q.8) Which energy conversion takes place during photosynthesis?.

- a) Heat energy → Light energy
- b) Light energy →Heat energy
- c) Light energy →Chemical energy
- d)Mechanical energy → Chemical energy

Q.9)What is the function of the part labeled 'P' in the given water plant?



- a) To reproduce
- b) To store water
- c) To store food
- d) To help the plant float

Q.10) Study the given below table carefully. Which of the following best represents 'Heterotrops'?

P	Plants
Q	Plant eating animals
R	Animal eating animals
S	Both plant and animal eating animals

- a) P
- b)Q and R
- c) Q,R and S
- d) P, Q,R,S

Q.11) Which of the following should come in the empty box given below?

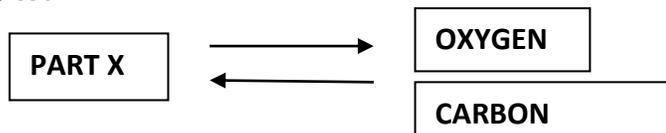


- a) Stem
- b) Roots
- c) Leaves
- d) Flowers

Q.12)What will happen to plant if it is kept without sunlight for a very long time?

- a) It will survive well because it will be able to make food
- b)It will die because it will not be able to breathe
- c)It will have no impact
- d)It will die because it will not be able to make food.

Q.13)The given diagram represents a process that takes place in the presence of sunlight. Identify the part 'X'.



- a) Flower
- b)Seed
- c) Leaf
- d) Fruit

Q.14)The following is a list of some plants and the habitat in which they live.Which one is correctly matched?

	PLANT	HABITAT
a)	Mangroves	Marshy areas
b)	Coconut	Desert areas
c)	Cactus	Coastal areas
d)	Mango	Sandy areas

HOTS Questions

Q.15) Evergreen plants live in a _____ climate and Cacti plant lives in a _____
Climate.

- a) moist , dry
- b) hot, cool
- c) cool ,hot
- d)dry ,moist

Q.16) Plants which do not have seeds have _____ for reproducing new plants?

- a) Spores
- b)Roots
- c)Angiosperms
- d)Flowers

Q.17) Which of the following is not a mechanism for seed distribution in nature.

- a)Wind and moving water
- b)Dragged by reptiles
- c) Exploding fruits
- d) Sticking to animals

Q.18) Which part of flower given below makes pollens?

a)Stem

b)Pistal

c)Anther

d)Sepal

Value Based Question

Q.19)Maya and her friends always carry seeds of fruits and plants while travelling, and scatter the seeds on their way. This teaches you the value of

a) spreading litter around .

b) planting more trees

c) passing the time with friends

d) keeping your car scrapfree .

Q.20) What will not happen If many trees are cut from a region ?

a) Natural beauty of region will be lost.

b) Many animals will become homeless

c) The region will make less oxygen

d)The region will appear more cleaner