



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

Name- \_\_\_\_\_

class- \_\_\_\_\_

**Concept Based Questions**

Q.1) ) Conservation of soil can be done by

- a) Contour farming
- b) Terrace farming
- c) Afforestation
- d) All of these

Q.2) Which of the following is NOT a natural resource?

- a) Soil
- b) Plants
- c) Iron
- d) Paper

Q.3) Which of the following programmes in India is meant for only tree plantation?

- a) Akshara Jyothi
- b) Janma Bhoomi
- c) Vanamahotsava
- d) Sarva Shiksha Abhiyan

Q.4) Which of the following diseases spreads through water and food?

- a) Malaria
- b) Typhoid
- c) Filaria
- d) Ringworm

Q.5) Which type of soil is good for farming?

- a) Tundra soil
- b) Forest soil
- c) Desert soil
- d) None of the above

Q.6) An injury to ligaments is called \_\_\_\_\_.

- a) Fracture
- b) Tetanus
- c) Rabies
- d) Sprains

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) The figure below shows the daily diet of a primary school student.



It is not a balanced diet for the child. Which of the following is needed for the child to build up his /her body?

- a) Proteins
- b) Carbohydrates
- c) Fats
- d) Fibre

Q.9) If while walking on the road Priya falls and is hurt on the arm slightly, What should you do as first aid at home?

- a) Rub the ice
- b) Wash the area with hot water
- c) Wash the area with normal water and soap
- d) None of these

Q.10) Match the following nutrients with their deficiency diseases. Identify the correct matching.

List- I (Nutrient)	List- II (Deficiency Disease)
(A) Vitamin B	(i) Beriberi
(B) Vitamin C	(ii) Scurvy
(C) Vitamin D	(iii) Rickets
(D) Vitamin A	(iv) Night blindness

- (A) (B) (C) (D)
- a) (i) (ii) (iii) (iv)
- b) (i) (iii) (ii) (iv)
- c) (i) (iv) (iii) (ii)
- d) (ii) (iii) (i) (iv)

Q.11) Match the following.

- i) Soil
  - ii) Forest
  - iii) Mines
  - (A) Gold, zinc, copper
  - ( B) Fruits, vegetables and crops
  - (C) Wood, herbs, wild animals
- a) i-B , ii- C ,iii – A
  - b) i – C , ii- B , iii – A
  - c) i – B , ii – A , iii – C
  - d) i – A , ii – B , iii – C

Q.12) Urea is a \_\_\_\_\_

- a) Fertilizer
- b) Pesticide
- c) Manure
- d) Seed

Q.13) The instrument used to see the microbes is called \_\_\_\_\_

- a) Microscope
- b) Stethoscope
- c) Telescope
- d) Periscope

Q.14) Which of the following is a natural resource?

- a) Concrete
- b) Glass
- c) Petroleum
- c) Plastic

**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) Which of the following activities would need the most energy?

- a) Riding a bicycle up a hill
- b) Walking
- c) Riding a bicycle on a level ground
- d) Doing homework

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) Read the given statements.

1. Cooking makes the food soft, tasty and easy to chew and digest.
2. Reheating food again and again restores nutrients in the food.
3. Eating junk food very often can lead to health problems.
4. Old people need food that is hard and raw.

Which of these statements is/are INCORRECT?

- a)4,2 &3
- b) 1,2&3
- c) 2,3
- d) 4,2 & 1

**Value Based Question**

**Q.19) Rohan's younger brother was requesting his mom to take the car for shopping. Rohan heard this conversation. He came in and explained his younger brother that the means of transport depends upon the distance. What do you learn from Rohan?**

- a) We should take bicycle for short distances.**
- b) If possible we should walk down over short distances.**
- c) Car should be taken only if we have travel long distances.**
- d) All of the above**

**Q.20) Ram left the tap of the wash basin open. What will you do ?**

- a) Close the tap lightly.**
- b) Explain the importance of water and its conservation**
- c) Shout at Ram & take him to the police station**
- d) Both a and b**