

Red Rose Senior Secondary School

Science Worksheet

Class 5

Topic- living and non living

1. State true or false: Oxygen is required by plants to **prepare** food.
A) true B) false
2. Differentiate between living and nonliving things.
3. Choose the correct option: An organism reacting to a stimulus is called _____.
A) Movement B) Respiration C) Responsiveness D) Reproduction
4. State true or false: Process of breathing in order to convert food into energy is called respiration.
A) true B) false
5. Choose the correct option: Food is required for living things to _____.
A) Perform metabolic activities B) Grow C) Keep healthy body D) All options
6. Fill in the blanks: Growth of plant towards sunlight represents _____.
A) Movement B) Respiration C) Growth D) Reproduction
7. Explain the composition of the human body.
8. Fill in the blanks: The building blocks of all living things are _____.
A) Cell B) Chlorophyll C) Water D) Blood
9. State true or false: Some plants show movement.
A) True B) false
10. State true or false: Animals use lungs for respiration.
A) true B) false
11. State true or false: In Case of touching me not plant, leaflets close when stimulated, such as touching, warming, blowing, or shaking.
A) true B) false
12. State true or false: The skin of old persons is less reactive than that of younger persons.
A) true B) false
13. Fill in the blanks: All living things including plants need _____ for breathing.

A) Nitrogen B) Oxygen C) Carbon dioxide D) Hydrogen sulphide

14. Choose the correct option: _____ traps solar energy for photosynthesis to take place.

A) Carbon dioxide B) Oxygen C) Chlorophyll D) Water

15. State true or false: Photosynthesis can take place in absence of sunlight.

A) true B) false

16. Choose the correct option: Lifespan of banyan tree is _____ years.

A) 2000 B) 200 C) 20 D) 100

17. Fill in the blanks: Germination of seeds represent _____.

A) Growth B) Reproduction C) Respiration D) Movement

18. Fill in the blanks: The phenomenon of sunflowers following the sun across the sky is called _____.

A) Heliotropism B) Respiration C) Growth D) Reproduction

19. Fill in the blanks: Lifespan of the elephant is _____ years.

A) 30 - 40 B) 50 - 60 C) 70 - 80 D) 100 - 120

20. Choose the correct option: Which of the following can make their own food.

A) Rose plant B) Pencil C) Elephant D) Lion