



VIDYA BHARATI SCHOOL
OLYMPIAD WORKSHEET: September 2016
GRADE: VII
SUBJECT: SCIENCE

1. Which of the following organisms contribute to soil formation?
 - a. Bacteria
 - b. Earthworm
 - c. Fungi
 - d. All of these

2. The dead remains of plants and animals form:
 - a. Organic Substance
 - b. Humus
 - c. Inorganic Substance
 - d. Both (a) and (b)

3. The un-weathered rock in soil profile is:
 - a. 2
 - b. 4
 - c. 3
 - d. 5

4. Which layer of soil is the home of burrowing animals?
 - a. A- Horizon
 - b. B- Horizon
 - c. C- Horizon
 - d. None of these

5. Which type of soil is good for farming?
 - a. Clayey Soil
 - b. Sandy Soil
 - c. Loamy Soil
 - d. Both (a) and (c)

6. The process of removal of topsoil by running water and wind is known as _____.
 - a. Leaching
 - b. Soil Erosion
 - c. Degradation
 - d. Soil Pollution

7. Which of the following cause soil pollution?
 - a. Insecticides
 - b. Fertilizers
 - c. Manures
 - d. Both (a) and (b)

8. Water holding capacity is least in _____.
 - a. Loam
 - b. Clay
 - c. Sand
 - d. Humus

9. Which of the following is not eco-friendly?
 - a. Paper
 - b. Cloth
 - c. Wood
 - d. Plastic

10. Large scale planting of trees is known as _____.
 - a. Deforestation
 - b. Afforestation
 - c. Plant Erosion
 - d. Soil Erosion

11. Food that provide us quick energy:
- c. Starch
 - d. Protein
 - c. Glucose
 - d. Fat
12. No energy is released during:
- a. Exhalation
 - b. Breathing
 - c. Inhalation
 - d. All of these.
13. Exchange of gases takes place during:
- a. Respiration
 - b. Circulation
 - c. Breathing
 - d. Transpiration
14. The number of ATP molecules produced during anaerobic respiration is:
- a. 20 Molecules
 - b. 38 Molecules
 - c. 2 Molecules
 - d. 382 Molecules
15. The end products of aerobic respiration are:
- a. CO₂ and H₂O+ 38 ATP
 - b. CO₂ and O₂+ 2 ATP
 - c. CO₂ and H₂O+ 2 ATP
 - d. CO₂ and Glucose
16. _____ is the common passage for air and food in humans.
- a. Larynx
 - b. Pharynx
 - c. Trachea
 - d. Epiglottis
17. The right lung is:
- a. Two lobed
 - b. Three lobed
 - c. One lobed
 - d. No lobed
18. During inspiration, the ribcage moves:
- a. Upwards and outward
 - b. Inward and downward
 - c. Downwards only
 - d. Inward only
19. What is the average breathing rate in a new born baby?
- a. 25 times per minute
 - b. 12 times per minute
 - c. 18 times per minute
 - d. 60 times per minute
20. The small air holes on the body surface of insects is called:
- a. Tracheoles
 - b. Trachea
 - c. Spiracles
 - d. Gills

