

# Science Department

## Mock Exam

Term 3 - 2023/2024

Grade: 5

School Name:

Levels (Bloom's Taxonomy)	Difficulty level	Symbol	Percentage
Remember	Easy- Medium	E,M	20
Understand	Easy- Medium	E,M	20
Apply	Easy- Medium-Difficult	E, M, D	20
Analyze	Easy- Medium-Difficult	E, M, D	20
Evaluate	Difficult	D	10
Create	Difficult	D	10

**Part 1**

**20 Questions- Multiple choice**

Q1. What part of the plant soaks up **nutrients** from the ground?

- a. leaves
- b. stem
- c. roots
- d. Flower

Q2. The **ability to do work** or change somethings, is .....

- a. Sunlight
- b. Grow
- c. Energy
- d. Sugar

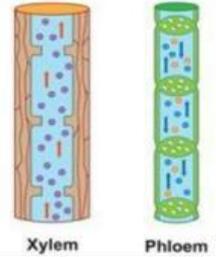
Q3. which of the following best defines **tiny opening underside** the most **leaves** that allow air to enter?

- a. Stomata
- b. Xylem
- c. Roots
- d. Phloem

Q4. The **plant tissue** that **carries food** materials from the leaves to the rest of the plant is the .....

- a. Phloem
- b. Xylem
- c. Stomata
- d. Transpiration

Q5. The adjacent figure shows **xylem and phloem** which of the following statements is correct?



- a. Phloem transports gases and xylem transports sugar.
- b. Xylem transports sugar and phloem transports water.
- c. Xylem transports water and phloem transports sugar.
- d. Phloem transports sugar and xylem transports gases.

Q6. Fatima noticed that there were Mold grow on the Bread. Mold is an example of .....



- a. plants
- b. animals
- c. bacteria
- d. fungi

Q7. A type of beetle was eating sugar cane crops in Australia and caused harm. Which of the following best defines an **organism that causes harm**?

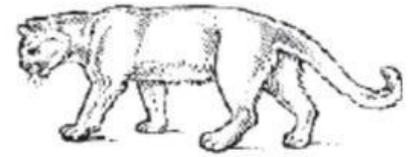


- a. Carnivores
- b. Invasive species
- c. Prey
- d. Decomposers

Q8. A(n) ..... is made up of all the **living things** and **nonliving things** in an environment.

- a. ecosystem
- b. Population
- c. Habitat
- d. Geosphere

Q9. This animal is a predator.



If a predator is removed from an ecosystem, then .....

- a. the population of predators will likely increase.
- b. the population of prey will increase.
- c. the population of predators will not be affected.
- d. the population of prey will decrease.

Q10. All the living things that live and interact in an environment are .....

- a. Biotic
- b. Niche
- c. Abiotic
- d. Habitat

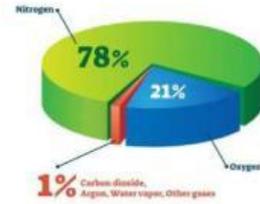
Q11. The process of breaking down matter from dead organisms into simpler substances is called:

- a. decomposer
- b. deforestation
- c. respiration
- d. decomposition

Q12. A type of decomposer that is a single-cell organism.

- a. Fungi
- b. bacteria
- c. earthworm
- d. species

Q13. Air is mostly made of .....



- a. Nitrogen
- b. Oxygen
- c. Carbon dioxide
- d. Water vapor

Q14. Which of the following does NOT belong in the hydrosphere?

- a. Lakes
- b. Rivers
- c. Fish
- d. Ice cap

Q15. What is the role of a decomposer in an ecosystem?

- a. A. capture the energy of sunlight for plants to make food
- b. produce oxygen for plants and animals
- c. break down dead organisms and their wastes
- d. transport nutrients and other materials among organisms

Q16. The adjacent figure shows earthworms in the soil where the plant grows. How can earthworms help this plant?



- a. A. They cover the plant.
- b. They protect the plant.
- c. They make the soil healthy for the plant.
- d. They feed on the plant.

Q17. ....could decrease the amount of carbon dioxide in the air.	
a.	Building more houses
b.	B. Burning more oil
c.	increasing of streets
d.	Planting more trees
Q18. Which statement is true about the carbon dioxide-oxygen cycle?	
a.	animals breathe in carbon dioxide and release oxygen which is used by plants
b.	animals breathe in oxygen and release carbon dioxide which is used by plants
c.	animals breathe in nitrogen and release oxygen which is used by plants
d.	animals breathe in nitrogen and release carbon dioxide which is used by plants
Q19. excess water that flows over earth's surface from a storm or flood	
a.	Evaporation
b.	Condensation
c.	Precipitation
d.	Runoff
Q20. Which word best describes the role or job an organism has in an ecosystem.	
a.	environment
b.	habitat
c.	niche
d.	ecosystem.