

WORKSHOP – TYPES OF ECOSYSTEMS

Part A. Multiple Choice (Choose the correct answer.) (8 points)

1. What is an ecosystem?

- A. A place where only animals live.
- B. A place where living and nonliving things interact.
- C. A place with only plants.
- D. A place without water.

2. Which of these is a biotic factor?

- A. Water
- B. Sunlight
- C. Tree
- D. Rock

3. Which of these is an abiotic factor?

- A. Bird
- B. Grass
- C. Soil
- D. Flower

4. Which ecosystem has very little rain?

- A. Forest
- B. Desert
- C. Grassland
- D. Tundra

5. Which plant stores water to survive?

- A. Oak tree
- B. Rose
- C. Cactus
- D. Fern

6. Which ecosystem is covered mainly by trees?

- A. Desert
- B. Grassland
- C. Forest
- D. Tundra

7. Which ecosystem is extremely cold most of the year?

- A. Tundra
- B. Desert

- C. Forest
- D. Grassland

8. Forests are important because they...

- A. Produce plastic.
- B. Give us oxygen.
- C. Create deserts.
- D. Stop all rain.

Part B. Complete the Sentences (4 points)

Use these words:

individual – population – community – ecosystem

- 9. A single living organism is an _____.
- 10. A group of the same species living together is a _____.
- 11. Different populations living together form a _____.
- 12. Living and nonliving things interacting form an _____.

Part C. Match the Columns (4 points)

Write the correct letter.

- | | |
|---------------|------------------------------|
| 13. Desert | ____ A. Very cold ecosystem |
| 14. Forest | ____ B. Many trees |
| 15. Grassland | ____ C. Hot and dry |
| 16. Tundra | ____ D. Large areas of grass |

Part D. True (T) or False (F) (4 points)

- 17. ____ Camels can live in the desert.
- 18. ____ Rocks are living things.
- 19. ____ Forests help produce oxygen.
- 20. ____ A population is made up of different species.

Bonus: Problem Situations (5 points)

Read and choose the best answer.

21. Sara is visiting a place with lots of sand, almost no rain, hot days, and cold nights. Which ecosystem is she visiting?

- A. Forest
- B. Tundra
- C. Desert
- D. Grassland

22. Juan sees many zebras eating grass in a large open area with few trees. Which ecosystem is this?

- A. Desert
- B. Grassland
- C. Forest
- D. Tundra

23. A scientist studies one wolf living alone in a forest. What level of organization is he studying?

- A. Population
- B. Community
- C. Ecosystem
- D. Individual

24. A class plants many trees because forests help the Earth by...

- A. Producing oxygen.
- B. Making deserts bigger.
- C. Removing all animals.
- D. Heating the planet.

25. In a pond there are fish, frogs, insects, algae, water, rocks, and sunlight. This is an example of a...

- A. Population
- B. Individual
- C. Ecosystem
- D. Community