

## SUMMATIVE TEST (PLANTS)

NAME: \_\_\_\_\_ Date: \_\_\_\_\_ Score: \_\_\_\_\_

Directions: Read each situation carefully. Choose and write only the letter of the correct answer.

1. Some plants possess special structures and characteristics which they use for defense, survival and food getting. Which of the following plants have thorns so that animals cannot easily touch and eat them?  
A, Mayana and Sta. Ana      b. Kamuning and gumamela      c. Little Angel and Rosal      d. Bougainvillae and Rose
2. One morning, my younger sister waters her plants. Among her plants, she noticed that gabi leaves has more water on its top or what we call morning dew. How do you call the protective structure that prevents damage of the inner part of this plant?  
a. thorns                      b. waxy stem                      c. waxy leaves                      d. bad taste
3. Mang Erning is a farmer. Last month, he planted his field with sugarcane and corn. Every weekend, he visits his plants to remove weeds. He also cultivates the soil by means of plow. He uses shirts with long sleeves so that the skin won't brushes against the leaves of his plants. How do these plants protect themselves from enemies?  
a. their leaves have bair-like structures      b. their leaves taste better      c. bad smell                      d. their leaves have thorns
4. Isabel went in her friend's garden. This garden was full of flowering plants. She enjoyed looking at them. She wonders why rose and bougainvillea plants were not planted inside the fence. What structures protect them from predators?  
a. Their stems have thorns that protect them      c. they have unpleasant smell  
b. they have sharp leaf blades                      d. their leaves are poisonous
5. Some plants such as cacti and other plants in the desert can grow in dry soil for a long period of time. They withstand the heat of the sun. What structures helps them respond to and survive in their environment?  
a. they have thick bark                      c. they have fine hair  
b. they have sharp leaf blades                      d. they possess thick and fleshy stems which prevent loss of water.
6. Mangrove seeds germinate while attached to the tree. How does this help the plant in its muddy habitat?  
a. The germinating seeds grow leaves before dropping to the ground.  
b. The seeds are not easily seen by feeding animals.  
c. The seeds flost in the water and grow in distant places.  
d. When the seeds drop, they easily take root.
7. What characteristics make the water hyacinth float on water?  
a. light weight of the plant                      c. bulbous system filled with air  
b. spreading, feathery root system                      d. light rounded waxy leaves
8. Why can mangrove tree withstand strong waves and shifting sand along seacoasts?  
a. It's spreading branches easily bend with the wind.                      c. It has spreading roots arising from the trunk.  
b. It has a big, strong main trunk                      d. It's trunk and branches are covered by thick bark.
9. Last week my friend received a birthday gift from his father. It was a big- mouthed clear jar with a plant floating on it. What do you think is the plant inside the jar?  
a. orchids                      b. waterlily                      c. rosal                      d. onion
10. Why grazing animals don't feed on cogon and talahib grasses?  
a. Those plants have offensive odor                      c. Those plants have razor- sharp leaf blades  
b. Those plants are poisonous                      d. those plants have thorns
11. Which characteristics describe a shrub and make it different from a herb?  
a. having a woody or hard stem                      c. having many leaves  
b. having seeds in the fruit                      d. presence of flowers

12. If plants are placed in a dark room for a long time, they cannot stay alive? Why?
- a. Because they cannot make their own food without the help of sunlight.
  - b. because lack of soil
  - c. because lack of water
  - d. Because of insufficient amount of air
13. Which of the following is an example of terrestrial plant?
- a. talahib
  - b. duckweeds
  - c. algae
  - d. sea lettuce
14. What characteristics of cactus plant help it to revive in the dessert?
- a. It has no leaves through which water escapes to the atmosphere.
  - b. It has spines that protect it from the enemies
  - c. A only
  - d. A and B
15. Enclosed a leafy stem in the plastic bag. Tie the opening of the plastic with rubber band. What do you observe?
- a. water droplets are formed inside the plastic bag
  - b. The leaves turned yellow
  - c. Smoke is formed inside the plastic.
  - d. the stems and leaves produce flowers
16. Which of the following is a function of a root?#
- a. It anchors the plant to the ground.
  - b. It produces seeds
  - c. It makes food by photosynthesis
  - d. It supports the leaves
17. Bulbs are underground leaves that store food. Which of the following plants grow from bulbs?
- a. onions
  - b. potato
  - c. radish
  - d. ginger
18. What do you call spines thorns of some plants which they use to protect themselves from danger?
- a. enemies of the plants
  - b. adaptive structure
  - c. plant disease
  - d. camouflage
19. Plants have many parts. Each plant organ has a particular use or function, which of the following best describes the function of leaves?
- a. They transport substance in all parts of the plants.
  - b. They absorb energy from the sun and carbon dioxide from the air for photosynthesis
  - c. They absorb nutrients and water from the soil
  - d. They produce fruits with seeds
20. There are different people who work with plants. What do you call to those who have knowledge of the varieties of plants used in ornamental gardening and landscaping.
- a. bryologist
  - b. herbalist
  - c. horticulturist
  - d. pomologist