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PART ONE

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 Read the questions. Circle the correct answer.

1. Which group has **only** living organisms?

- a. Rabbit, seed, bird b. Seed, bird, wind
c. Volcano, candle, rabbit d. Wind, candle, volcano

2. In the process of photosynthesis plants use to make food water, sunlight, and.....

- a. oxygen b. carbon dioxide
c. Fertilizer d. decomposers

3. What does Vacuole do in plant cell?

- a. controls traits b. creates the cells energy
c. holds water, food, and wastes d. gives the cell a boxlike shape

4. The scientific name for rose is ^{genus} Rosa ^{species} rugosa.

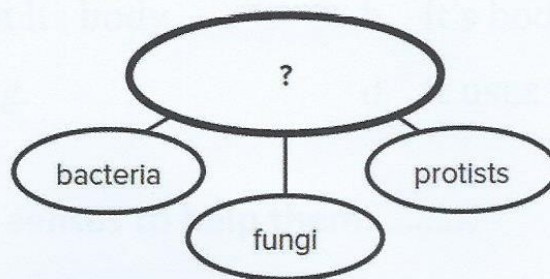
The word Rosa refers to the.....

- a. kingdom. b. phylum. c. genus. d. species.

5. A muscular system is made of.....

- a. bones. b. muscles. c. nerves. d. blood vessels.

6. Look at the diagram below. Which title belongs in the empty oval?



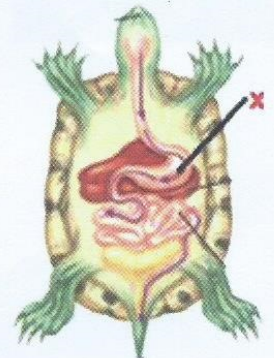
- a. Animal Kingdom
- b. Microorganisms
- c. Ancient Bacteria
- d. Diseases

7. An insect molts to.....

- a. eat.
- b. fly.
- c. grow.
- d. reproduce.

8. What organ is X in the diagram?

- a. stomach
- b. kidney
- c. liver
- d. intestine

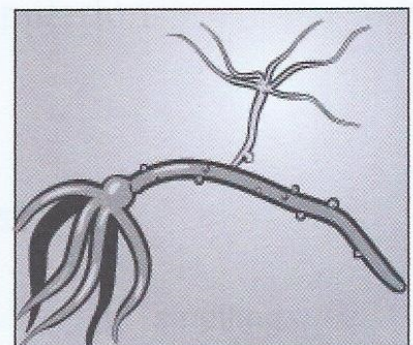


9. Which animal's metamorphosis has a pupa stage?

- a. frog
- b. damselfly
- c. butterfly
- d. grasshopper

10. Look at the picture of a hydra reproducing. Its offspring will most likely have..... traits.

- a. a none of the parent's
- b. some of the parent's
- c. half of the parent's
- d. all of the parent's



11. What happens when an animal hibernates?

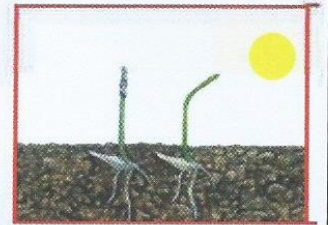
- a. There is no life in its body.
- b. It's body temperature goes up.
- c. It stops breathing.
- d. It uses very little energy.

12. Animals use their senses to help them.....

- a. find food.
- b. build homes.
- c. grow.
- d. use energy.

13. Which word describes a plants response to its environment?

- a. tropical
- b. gravity
- c. tropism
- d. stimulus



14. Which of the following is an example of camouflage?

- a. A desert fox has large ears.
- b. A bird's color matches its surroundings.
- c. A camel closes its nostrils to keep out sand.
- d. A chipmunk sleeps for most of the winter.

15. Which of these natural events that change ecosystems?

- a. pollution
- b. overpopulation
- c. flood
- d. fire

16. Which sense do mosquitoes use to find mammals?

- a. seeing
- b. hearing
- c. tasting
- d. smelling

17. Rashid wants to strengthen his muscles for a competition. Which food should he eat?

- a. rich in fats
- b. rich in proteins
- c. rich in carbohydrates
- d. rich in calcium

18. The data table below shows the population of four different species (a,b,c and d) of snails. Which species will most likely go extinct?

Snail population sizes			
species	year1995	Year2005	year2015
a.	2,000	2,500	2,300
b.	2,000	300	1,200
c.	2,000	2,700	3.400
d.	2,000	700	100

19. Why is sleep important to good health?

- a. It gives your body time to repair.
- b. It strengthens your muscles.
- c. It stops germs from spreading.
- d. It helps your body digest food.

20. Look at the table below. Circle the row that shows the most balanced diet.

	Breakfast	Lunch	Dinner
a.	eggs and hash browns	beef sandwich, potato chips	beef burger and cake
b.	oatmeal, eggs, melon	beef sandwich, carrots, milk	Chicken and noodles, peas
c.	cereal and donut	pizza	pizza
d.	Fruit cup	Carrots, banana, green beans	salad and apple

PART TWO

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21. Maryam is sick with influenza. How did Maryam get infected?

..... **Maybe by using patient's tools, or air, shaking**
..... **hands/ Sneezing.**
.....

22. Write the word that best completes each sentence in the spaces below.
(Words may be used only once)

spores	oxygen	cold-blooded
life span	echolocation	kingdom
immunity	extinct	nervous system
virus		

- a. The largest group an organism can be classified into is a(n) **Kingdom**.....
- b. Red blood cells carry..... **Oxygen** through the body.
- c. Ferns and mosses reproduce by making **Spores** أبواغ
- d. Animals, such as snakes, that warm their bodies in the sun are..... **cold- Blooded**
- e. A(n) **Life span**is how long an organism is expected to live.
- f. The..... **nervous system** is made up of the brain, spinal cord, nerves, and sense organs.
- g. The process of finding an object by using echo's is..... **Echolocation**
- h. When all the individuals of a species have died, the species is..... **extinct**
- i. **Immunity**is considered the ability to resist an infectious disease and to recover.
- j. A(n)..... **Virus** is a non-living particle that depends on and infects the cell of the organism.

23. Look at the chart below. Decide if the action listed is an inherited or a learned behavior. Complete the chart.

Trait	(inherited or learned)
a dog barking	inherited
a boy throwing a ball	learned
a bird looking for worms	inherited
a baby crying	inherited

24. Tick (✓) the boxes to show if the organelles are in animal cells, plant cells or both



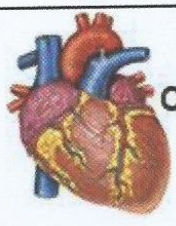
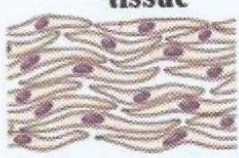
Cell Part	Plant Cells	Animal Cells
cell wall	✓	✗
chloroplasts	✓	✗
nucleus	✓	✓

25. Look at the foods in the picture. Classify each food into the food group.



Carbohydrates	Proteins	Fats and Oils	Vitamins and minerals
potatoes, grain and bread	fish, meat and eggs	butter, margarine and milk	fruits vegetables

26. Arrange the numbers below each level of organization from the least complex to the most complex?

 <p>Circulatory System</p>	 <p>cell</p>	 <p>organ</p>	 <p>tissue</p>
4	3	2	1

(Least) **3 cell**then.....**1 tissue**. Then.....**2 organ**..... Then.....**4 circulatory system** (Most)

27. What happens when a forest is cut down to build a power plant? **BONUS**

