

Name: _____

Date: _____

FIFTH GRADE-SCIENCE (SCIENCE5_4)

1. Which system is responsible for delivering nutrients and oxygen and removing wastes and carbon dioxide?

- A. muscular system
- B. immune system
- C. nervous system
- D. circulatory system

2. The body system that gives you support and allows movement is the

- A. skeletal system.
- B. circulatory system.
- C. respiratory system.
- D. excretory system.




3. Which part of the body controls the functions of other body parts?

- A. heart
- B. lungs
- C. brain
- D. stomach

4.

Use the picture below to answer this question.

Types of Arthropods

Insects	Arachnids	Crustaceans
		

Each of the animals shown above is an arthropod. Each arthropod is listed in a different group. In which way are these three arthropods similar?

- A. number of legs
- B. presence of antennae
- C. three body segments
- D. presence of wings

5. Which body organ removes excess water and wastes from the blood?

- A. kidney
- B. large intestine
- C. small intestine
- D. stomach

6. Which food groups should be eaten sparingly?

- A. breads and cereals
- B. fruits and vegetables
- C. milk and meat
- D. fats and sugars

7.

Use the table below to answer this question.

Characteristics
<ul style="list-style-type: none">• multicellular• have cell walls that contain cellulose• perform photosynthesis

The characteristics in the table describe an organism in the kingdom of

- A. Monerans.
- B. Protists.
- C. Fungi.
- D. Plants.

8. Plants growing from maple seeds always become maple trees. Why is this true?

- A. Maple trees are easy to grow from seeds.
- B. The "pattern" for what seeds can become is determined by the parent plant.
- C. Maple seeds always fall where it is best for growing maple trees.
- D. The maple seeds that could become other kinds of plants are never healthy.

9. Which food group BEST provides the necessary nutrients for healthy teeth and bones?

- A. milk and dairy products
- B. fruits and vegetables

- C. bread and cereal
 - D. meat
-

10. Why do cicadas and crickets chirp and sing?

- A. to fool other insects
 - B. to attract mates
 - C. to scare birds
 - D. to confuse frogs
-

11. One of the most important functions of the skin is to

- A. carry food to body cells.
 - B. help the body move.
 - C. protect the body.
 - D. let food into the body.
-

12. Which is the BEST example of an adaptation used to cause confusion when a group of animals tries to run away from a predator?

- A. stripes on a zebra
 - B. smell from a skunk
 - C. long neck of a giraffe
 - D. long ears of a rabbit
-

13. Which pair of kingdoms has members that can make their own food?

- A. Plants and Animals
 - B. Fungi and Protists
 - C. Protists and Plants
 - D. Monerans and Fungi
-

14. Which is MOST responsible for preventing food spoilage?

- A. computerized factories
 - B. advertising
 - C. faster transportation
 - D. refrigeration
-

15. Which gives shape and support to the human body?

- A. brain
 - B. heart
 - C. skeleton
 - D. stomach
-

16. Grains must be stored in airtight and moisture-free containers to prevent molds from growing on them. Which container would be the best choice for storing grains?

- A. cardboard box with a top

- B. paper bag folded and stapled
- C. plastic bag with a clip
- D. glass jar with a screwed lid

17. Which part of the body receives messages transmitted by nerve cells located throughout the body?

- A. heart
- B. lungs
- C. brain
- D. liver

18. A new organism is observed. The table below shows the information gathered about the organism.

Characteristic	Unknown Organism
single-celled or multicelled	multicelled
nucleus	yes
cell walls	yes
chloroplasts	no
photosynthesis	no
nutrition	absorbs nutrients from surroundings

Into which kingdom is the organism BEST classified?

- A. Protists
- B. Plants
- C. Fungi
- D. Animals

19. One reason why eating fruits and vegetables is important is that they

- A. help you gain weight when needed.
- B. reduce the amount of fiber in your diet.
- C. contain important vitamins and minerals.
- D. are the only source of body-building proteins.

20. Which is usually NOT a reason why foods are processed?

- A. more nutritious

- B. easier to package
 - C. last longer on the shelf
 - D. easier to transport to the store
-

21. What is found inside a seed?
- A. stored food
 - B. smaller seeds
 - C. a flower and little leaves
 - D. pollen
-

22. In which body part do gases, such as oxygen and carbon dioxide, pass into or out of the blood?
- A. lungs
 - B. brain
 - C. liver
 - D. heart
-

23. A lizard's tail breaks very easily. How does this help to protect the lizard?
- A. The lizard can leave pieces of its tail to mark its territory.
 - B. During a food shortage, the lizard can break off its tail and eat it.
 - C. The lizard can leave broken pieces of tail to fool predators or to attract a mate.
 - D. If a predator catches the lizard by the tail, the tail breaks off and the lizard gets away.
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24.
Use the pictures below to answer this question.



Which characteristic is the BEST choice to use in classifying birds and bats in different groups?

- A. wings
- B. size
- C. body covering
- D. number of legs

25. Which organism is NOT a member of the animal kingdom?

- A. a shark
- B. a sea star
- C. an amoeba
- D. a worm

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FIFTH GRADE-SCIENCE(SCIENCE5_4)

(Answer Key)

- 1. circulatory system
- 2. skeletal system.
- 3. brain
- 4. presence of antennae
- 5. kidney
- 6. fats and sugars
- 7. Plants.
- 8. The "pattern" for what seeds can become is determined by the parent plant.
- 9. milk and dairy products
- 10. to attract mates
- 11. protect the body.
- 12. stripes on a zebra
- 13. Protists and Plants
- 14. refrigeration
- 15. skeleton
- 16. glass jar with a screwed lid
- 17. brain
- 18. Fungi
- 19. contain important vitamins and minerals.
- 20. more nutritious

- 21. stored food
- 22. lungs
- 23. If a predator catches the lizard by the tail, the tail breaks off and the lizard gets away.
- 24. body covering
- 25. an amoeba