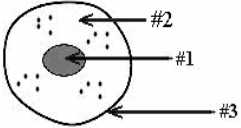



5th Grade Science Cards & Answers


<p>1. Plant and animal cells have some similarities as well as differences. What is one thing that plant and animal cells have in common?</p> <p>A. cell wall B. chlorophyll C. nucleus D. chloroplasts</p>	<p>2. Fill in the blank. The _____ of a cell is like a leader, directing and telling the different parts of the cell what to do.</p> <p>A. chloroplast B. cytoplasm C. cell wall D. nucleus</p>
<p>3. This picture shows an animal cell. Name the part labeled #3.</p>  <p>A. cell membrane B. nucleus C. cell wall D. chloroplast</p>	<p>4. Which of the following plant cell parts gives the plant support and is not part of animal cells?</p> <p>A. chloroplasts B. cytoplasm C. cell membrane D. cell wall</p>
<p>6. Which of the following is in a plant cell but <u>NOT</u> an animal cell?</p> <p>A. chloroplasts B. a nucleus C. cytoplasm D. a cell membrane</p>	<p>7. Which cell part is used for storage?</p> <p>A. vacuole B. nucleus C. cell membrane D. lysosome</p>
<p>9. Fill in the blank. Most plants have green leaves. The substance that makes the leaves green is _____.</p> <p>A. carbon dioxide B. photosynthesis C. water D. chlorophyll</p>	<p>10. A green plant can make its own food. What does a green plant need in order to make food?</p> <p>A. wind B. oxygen C. light D. strong roots</p>
<p>11. Fill in the blank. _____ and sugar are produced during photosynthesis.</p> <p>A. Carbon dioxide B. Oxygen C. Nitrogen D. Salt</p>	<p>12. How does chlorophyll help a plant survive?</p> <p>A. It makes the leaves green. B. It splits carbon dioxide molecules. C. It converts sugars into starches. D. It traps energy from sunlight.</p>

<p>13. Fill in the blank. All the frogs, fish, algae, plants and other living things in and around a pond make up the pond's _____.</p> <p>A. population B. community C. niche D. ecosystem</p>	<p>14. Which is an example of a population?</p> <p>A. a lizard on a rock next to a cactus B. a school of fish C. an eagle perched in a tree D. a snake eating a mouse</p>
<p>15. Fill in the blank. The living part of an ecosystem is called a/an _____.</p> <p>A. habitat B. population C. niche D. community</p>	<p>16. Fill in the blank. Groups of living and non-living things that interact with each other are called _____.</p> <p>A. populations B. communities C. ecosystems D. niches</p>
<p>15. If phosphates and nitrates from detergents are allowed to enter a lake or pond, an abundance of algae may begin to grow. How does an increase in algae growth harm a lake or pond?</p> <p>A. Algae use much of the oxygen in the water. B. Birds, fish, and turtles do not eat algae. C. Algae act as sponges and soak up all the water. D. Algae turn the phosphates into toxic wastes.</p>	<p>18. Fill in the blank. Substances that are poisonous, react dangerously with other substances, or burn easily are known as _____.</p> <p>A. smog B. litter C. wastewater D. hazardous waste</p>
<p>19. Which of these acts is <u>NOT</u> considered to be polluting?</p> <p>A. burning fossil fuels B. using solar power C. burying trash in a landfill D. using natural gas</p>	<p>20. Fill in the blank.</p> <p>The ozone layer protects the earth from _____.</p> <p>A. carbon dioxide B. too much radiation C. acid rain D. air pollution</p>
<p>21. If the plants in a habitat become extinct, what is also in danger of becoming extinct?</p> <p>A. water B. sunlight C. soil D. animals</p>	<p>22. Many scientists believe that some dinosaurs were most similar to what other animal living today?</p> <div style="text-align: center;">  <p>A B C D</p> </div> <p>A. A B. B C. C D. D</p>

5th Grade Science Cards & Answers

<p>23. How do we know there were once plants and animals on earth that are now extinct?</p> <p>A. Scientists study fossils found in the ground. B. Scientists visit zoos all over the world. C. Scientists look for life on other planets. D. Scientists study what causes pollution.</p>	<p>24. Dinosaurs are one example of living things that are now extinct. How long ago did dinosaurs live on earth?</p> <p>A. fifty years ago B. hundreds of years ago C. thousands of years ago D. millions of years ago</p>
<p>25. Which scientist is credited with the theory of natural selection?</p> <p>A. Aristotle B. Darwin C. Freud D. Linnaeus</p>	<p>26. Fill in the blank. As environments change, <u>all</u> organisms must _____ to survive, or face extinction.</p> <p>A. photosynthesize B. adapt C. hibernate D. migrate</p>
<p>27. Fill in the blank. The fossil record demonstrates that many living things share a common ancestry and _____.</p> <p>A. have changed over time B. are predators C. will become extinct D. evolved from the dinosaurs</p>	<p>29. Which of the following is best associated with asexual reproduction?</p> <p>A. spore B. sperm C. egg D. seed</p>
<p>30. What is required to begin sexual reproduction?</p> <p>A. spore formation B. seed dispersal C. one cell splitting into two complete cells D. two cells uniting to form one cell</p>	<p>31. What is required to begin asexual reproduction?</p> <p>A. two cells uniting to form one cell B. one cell splitting into two cells C. pollination D. fertilization</p>
<p>32. Fill in the blank. Offspring produced by sexual reproduction _____.</p> <p>A. are exactly like one of the parents B. show no variation in characteristics C. form from one sex cell of one organism D. show variation in characteristics</p>	<p>34. Which part of the flower produces the seeds of the plant?</p> <p>A. pollen B. pistil C. petal D. filament</p>

5th Grade Science Cards & Answers

<p>35. In which part of the flower are eggs produced?</p> <p>A. anther B. ovary C. sepal D. stamen</p>		<p>36. What part of the flower produces pollen?</p> <p>A. anther B. pistil C. petal D. sepal</p>
<p>37. What do most seed-producing non-flowering plants use during reproduction?</p> <p>A. cones B. fruit C. spores</p>		<p>38. How is a fern different from a sunflower plant?</p> <p>A. The leaves of ferns do not need chlorophyll. B. Ferns use spores to reproduce. C. Ferns do not have roots. D. The leaves of ferns do not need water.</p>
<p>40. How are spores different from seeds?</p> <p>A. Spores do not contain stored food. B. Spores do not grow into young plants. C. Spores do not require water to grow. D. Spores do not come from plants.</p>		<p>43. Which plant might not be healthy?</p> <p>A. one that has yellow leaves B. one that has a long stem C. one that has flowers on it D. one that has roots in the soil</p>
<p>45. Solve this riddle. I help hold up the plant. I carry water and nutrients from the roots to the leaves. I carry food from the leaves to the roots. What am I?</p> <p>A. seed B. stem C. flower D. sunlight</p>		<p>57. Fill in the blank. The heart is an example of a/an _____.</p>  <p>A. cell B. organ C. body system D. tissue</p>
<p>59. Fill in the blank. _____ is a group of similar cells that have the same role in an organism.</p> <p>A. A population B. A tissue C. A system D. An organelle</p>		<p>60. Which of these is <u>NOT</u> an organ?</p> <p>A. heart B. blood C. brain D. intestine</p>

5th Grade Science Cards & Answers

Answer Key

1. C Basic Cells
2. D Basic Cells
3. A Basic Cells
4. D Basic Cells
5. D Cell Parts - A
6. A Cell Parts - A
7. A Cell Parts - A
8. C Cell Parts - A
9. D Photosynthesis - A
10. C Photosynthesis - A
11. B Photosynthesis - A
12. D Photosynthesis - A
13. B Components of Ecosystems
14. B Components of Ecosystems
15. D Components of Ecosystems
16. C Components of Ecosystems
17. A Pollution
18. D Pollution
19. B Pollution
20. B Pollution
21. D Extinction
22. B Extinction
23. A Extinction
24. D Extinction
25. B Natural Selection
26. B Natural Selection
27. A Natural Selection
28. C Natural Selection
29. A Sexual vs. Asexual Reproduction
30. D Sexual vs. Asexual Reproduction
31. B Sexual vs. Asexual Reproduction
32. D Sexual vs. Asexual Reproduction
33. B Flower Parts and Functions
34. B Flower Parts and Functions
35. B Flower Parts and Functions
36. A Flower Parts and Functions
37. A Life Cycle of Non-Flowering Plant
38. B Life Cycle of Non-Flowering Plant
39. A Life Cycle of Non-Flowering Plant
40. A Life Cycle of Non-Flowering Plant
41. A Plant Needs
42. B Plant Needs
43. A Plant Needs
44. B Plant Needs
45. B Plant Parts
46. D Plant Parts
47. C Plant Parts
48. A Plant Parts
49. A Plant Reproduction
50. A Plant Reproduction
51. B Plant Reproduction
52. C Plant Reproduction
53. D Vascular/Non-Vascular Plants
54. B Vascular/Non-Vascular Plants
55. A Vascular/Non-Vascular Plants
56. C Vascular/Non-Vascular Plants
57. B Hierarchy of Body Systems
58. C Hierarchy of Body Systems
59. B Hierarchy of Body Systems
60. B Hierarchy of Body Systems

5th Grade Science Cards & Answers