



Conquesta 2008

(International Multiple Choice School Olympiads – Est. 1998)
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Natural Sciences – Year 7

Welcome to your Conquesta Olympiad. As you read and answer the questions, we hope that you enjoy and learn from the information. Once you have read the information and the questions carefully, you have to make a choice. When you have decided which of the answers is correct, completely fill in the matching square on your answer sheet using a 2B or a B pencil. For example, if the answer to question 4 is c, then neatly fill in the square containing c next to the number 4. See example below. Fill in only one square per question and make sure you completely rub out any mistakes so that the answer is clear.



Example:-

4.	a	b		d
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Living Cells

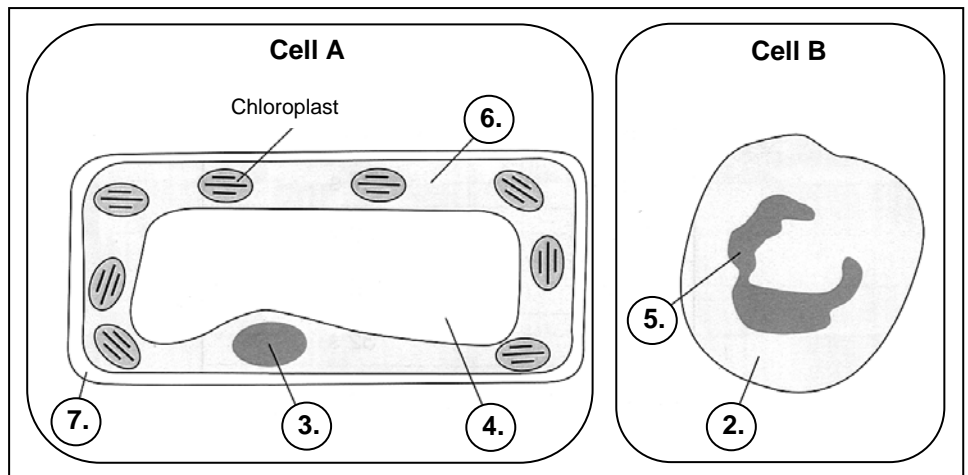
1. Look at the diagram on the right. Which cell is an animal cell?
 (a) Cell A or (b) Cell B

Match the labels at questions 2, 3, 4, 5, 6 and 7 on the diagram with the label names given in (a) – (d).

- (a) Cytoplasm (b) Vacuole
 (c) Nucleus (d) Cell wall

8. The basic unit of structure and function of all life is the
 (a) nucleus. (b) cell.
 (c) element. (d) heart.

9. The building blocks of living things are
 (a) organ systems. (b) muscles.
 (c) bones. (d) cells.



10. Which is not a part of the cell theory?
 (a) All living things are made of cells. (b) Cells are the basic unit of structure and function of life.
 (c) Cells are too small to be seen with the naked eye. (d) New cells come from existing cells.
11. An organism made of only one cell is
 (a) multi-cellular. (b) unicellular. (c) vascular. (d) protist.
12. Which is not present in an animal cell?
 (a) Cell membrane. (b) Nucleus. (c) Cell wall. (d) Water.
13. Respiration takes place in all cells. What is released during respiration?
 (a) Energy. (b) Glucose. (c) Oxygen. (d) Water.
14. Which two substances are used up during respiration in animal cells?
 (a) Energy and water. (b) Glucose and water. (c) Oxygen and glucose. (d) Carbon dioxide and water.
15. Which two substances are produced during respiration in animal cells?
 (a) Energy and water. (b) Glucose and water. (c) Oxygen and glucose. (d) Carbon dioxide and water.
16. The ability of some organisms to re-grow lost body parts is
 (a) a miracle. (b) grow back ability. (c) photosynthesis. (d) regeneration.
17. The smallest particle of an element is
 (a) an atom. (b) a compound. (c) a solution. (d) a molecule.
18. All living things contain which element?
 (a) Helium. (b) Sodium. (c) Copper. (d) Carbon.