

Name: _____ Date: _____

Grade 7 Classwork on Characteristic of Living things

Part 1. Multiple Choice

1. Which characteristic of living organism is shown in the picture

- A. excretion C. nutrition
B. growing D. reproduction



2. Which list includes only activities that are carried out by all living things?

- A. excreting, growing, reproducing, respiring
B. excreting, moving, reproducing, sleeping
C. growing, moving, respiring, thinking
D. growing, respiring, swimming, thinking

3. Which characteristic of living things obtain and uses oxygen to produce energy?

- A. digesting B. excretion C. reproduction D. respiration

4. We quickly withdraw our finger when it is pricked. This is an example of:

- A. excretion B. irritability C. nutrition D. respiration

5. The picture shows one characteristics of living things.



- A. excretion B. growth C. nutrition C. irritability

6. Which row shows the correct definition for the term given?

	Term	Definition
A	Excretion	Removal of undigested food
B	Irritability	Ability to respond to stimuli
C	Respiration	Breathing
D	Reproduction	Producing new skin cells

7. Which of the following characteristics of living organisms enables them to detect and respond to stimuli?

- A. excretion B. growth C. irritability D. movement

8. The diagram shows a mammal.

Which characteristic of living things is represented by the picture?



- A. excretion
- B. growth
- C. nutrition
- D. respiration

The picture shows a father with his two children. Eventually the children will be about the same size as their father. Use this picture to answer questions 9 and 10



9. Which characteristics of living things will be responsible for this change?

- A. excretion
- B. growth
- C. movement
- D. reproduction

10. Which characteristic of living things are most responsible for providing the family with the energy needed for them to run?

- A. excretion and movement
- B. nutrition and respiration
- C. reproduction and respiration
- D. reproduction and growth

11. In which characteristic of life passed on to produce a living thing?

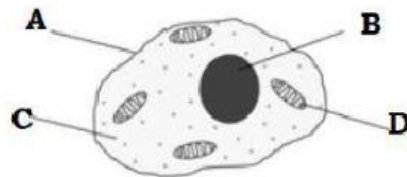
- A. excretion
- B. growth
- C. reproduction
- D. sensitivity

12. Which characteristics of living things enable a baby to develop inside its mother's womb?

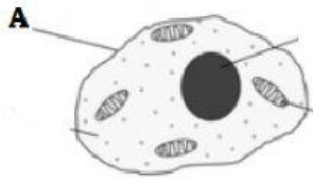
- A. excretion and respond
- B. growth and sensitivity
- C. movement and respiration
- D. nutrition and growth

Part II. The Human Body

1. In the diagram of a simple human cell, which letter points to the part where chromosomes would be found?

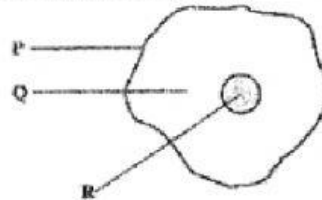


2. The diagram shows a typical animal cell. What is the function of structure A?



- A. controls the activities of the cell
- B. control what enters and leaves the cell
- C. contains the genetic information of the cell
- D. stores food

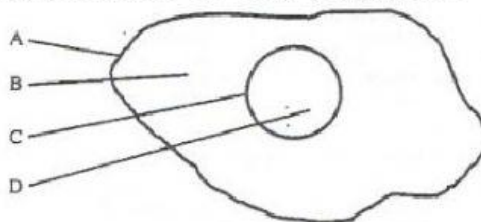
3. The diagram below represents a human cheek cell.



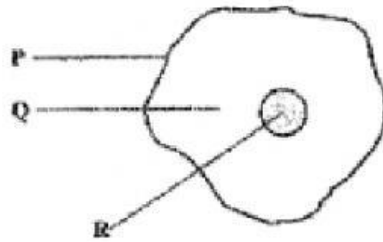
Which row in the table gives the correct name for each of this cheek cell?

	P	Q	R
A	Nucleus	Cytoplasm	Cell membrane
B	Cytoplasm	Nucleus	Cell membrane
C	Cell membrane	Cytoplasm	Nucleus
D	Cytoplasm	Cell membrane	nucleus

4. In this diagram of a human cell, which letter points to the part of the cell that is "selectively permeable" or "semi-permeable"?



5. The diagram below represents a human cell.



Which row in the table gives the correct name for each of this cell?

	P	Q	R
A	is a jelly-like substances	controls what the cells does	is partially permeable
B	is partially permeable	is a jelly-like substances	controls what the cells does
C	controls what the cells does	is partially permeable	is a jelly-like substances
D	is partially permeable	controls what the cells does	is a jelly-like substances

6. Which structure found in cells contains genes and chromosomes?

- A. cytoplasm B. membrane C. nucleus D. vacuole

7. What do you call the smallest unit of life?

- A. cell B. tissue C. organ D. system

8. Which structure in the human body are made up of different tissues combined to carry out specific function?

- A. cells B. organs C. platelets D. systems

9. The diagram below shows the levels of organization of the human body, from the simplest to the most complex.



What do letters P and Q represent?

- A. P is an atom and Q is a tissue C. P is a tissue and Q is an organ
B. P is an organ and Q is a tissue D. P is a tissue and Q is a molecule

10. Which row in the table correctly matches the body organs with the correct system?

	Organs	Body system
A	brain	Nervous system
B	Lungs	Muscular system
C	Kidneys	Respiratory system
D	Ovaries	Circulatory system