

# 7A Cells

## Extension questions

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Answer the following questions:



[Click mouse to reveal answer](#)

- Q1. What have the simplest living organisms only got one of?
- Q2. What are the cells in the nose and throat that trap dust particles called?
- Q3. What is the flexible covering of an animal cell called?
- Q4. What are specialised nerve cells called?
- Q5. What is the space in a plant cell filled with watery sap called?
- Q6. Where do the chemical reactions take place in a cell ?
- Q7. What do groups of cells working together make?
- Q8. What do groups of tissues working together make?
- Q9. What is the control centre of the cell called?
- Q10. What is the green coloured catalyst in a plant cell called?

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### Answers:

A1. Cell

A2. Epithelial cells

A3. The cell membrane

A4. Neurones

A5. The vacuole

A6. The cytoplasm

A7. A tissue

A8. An organ

A9. The nucleus

A10. Chlorophyll

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multiple choice

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1: What is a group of similar cells called ?

- A Tissue
- B System
- C Organ
- D Nucleus

---

2: In which part of the cell do you find the genes or chromosomes ?

- A Cell membrane
- B Cytoplasm
- C Vacuole
- D Nucleus

---

3: Which of the following cells has a tail and a streamlined head ?

- A Red blood cell
- B Nerve cell
- C Sperm cell
- D Pollen cell

---

4: What part of an animal cell controls what enters and leaves the cell ?

- A Cell wall
- B Cell membrane
- C Cytoplasm
- D Nucleus

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multiple choice

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# 7A Cells

## literacy in science

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Answer all the questions below:



Click mouse to reveal answer

1) Unscramble the following words:

llec

tuessi

yotaslpmc

vrene llec

2) Make three sentences using the following nine words or phrases:

living thing

nucleus

root hair cell

cells

cell membrane

large surface area

function

cytoplasm

water and minerals

3) Match the word or phrase with the right meaning:

Organ



Biconcave cell that carries oxygen around the body

Red blood cell



Collection of similar tissues working together

Cell division



How cells duplicate themselves inside the body

Answer all the questions below:

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# 7A Cells

## complete the sentence

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Place the right word or words to complete the sentence:



Click mouse to reveal answer

transfer

pollen

systems

membrane

iron

specialised

organ

genes

chloroplast

- An \_\_\_\_\_ is a collection of tissues working together.
- A cell's \_\_\_\_\_ are contained in the nucleus.
- A red blood cell contains \_\_\_\_\_ to help it transport oxygen.
- Plants have \_\_\_\_\_ to help them make glucose during photosynthesis.
- There are nine \_\_\_\_\_ systems in the human body.
- The male sex cell of a plant is call the \_\_\_\_\_.
- Pollination describes the \_\_\_\_\_ of pollen to the female carpel.
- The cell \_\_\_\_\_ controls what leaves and enters the cell.
- Nerve cell, sperm cell and skin cell are all good examples of \_\_\_\_\_ cells.

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## complete the sentence

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Place the right word or words to complete the sentence:

transfer

pollen

systems

membrane

iron

specialised

organ

genes

chloroplast

- a) An organ is a collection of tissues working together.
- b) A cell's genes are contained in the nucleus.
- c) A red blood cell contains iron to help it transport oxygen.
- d) Plants have chloroplast to help them make glucose during photosynthesis.
- e) There are nine organ systems in the human body.
- f) The male sex cell of a plant is call the pollen.
- g) Pollination describes the transfer of pollen to the female carpel.
- h) The cell membrane controls what leaves and enters the cell.
- i) Nerve cell, sperm cell and skin cell are all good examples of specialised cells.