Recall Questions: 7B1 – Cells

1. What part of the cell contains the genetic material/DNA?
2. What is the function of the cell membrane?
3. What is the name of the jelly like substance that fills most of the cell?
4. What 3 parts do plant cells have but animal cells do not?
5. Which of these 3 parts would not be in a root cell? Why?
6. What are the names of the two types of lens on a microscope?
7. I look through a microscope and the image is fuzzy. Explain what I need to do.
8. What is a specialised cell?
9. Give one adaptation of:
   1. A sperm cell
   2. A root hair cell
10. Explain why:
    1. A nerve cell is long
    2. A leaf cell has lots of chloroplasts
11. Arrange these key terms from smallest to biggest:

ORGAN / TISSUE / CELL / ORGAN SYSTEM / ORGANISM

1. Name 5 organ systems found in the human body
2. By what process does oxygen move into our cells?
3. Name a waste substance that would move out of our cells by this method
4. What is a unicellular organism? Give an example of one.