

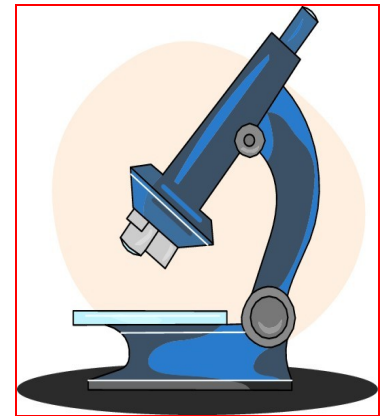
3.6 Cells

Name:

1. Identify the piece of equipment in the diagram.

(i) What is it called? _____

(ii) What is it used for? _____



2. Label the following parts on the diagram.

Eyepiece

Objective lens

3. Match each microscope part below with its function.

- | | | |
|-----------------------|-------|-----------------------------|
| <i>eyepiece</i> | (i) | (a) to magnify the image |
| <i>objective lens</i> | (ii) | (b) where you put the slide |
| <i>stage</i> | (iii) | (c) where you look through |
| <i>focus knob</i> | (iv) | (d) to get a clearer image |

4. Is the cell pictured below an animal cell or a plant cell? _____

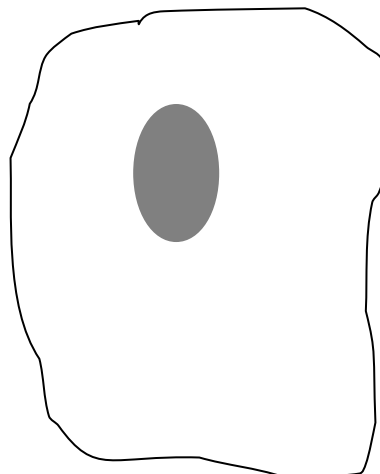
Give a reason for your answer. _____

Draw a line from each label to the correct part on the diagram.

cell membrane

nucleus

cytoplasm



5. Which part of an animal cell (i) controls its activities? _____

(ii) holds the cell contents? _____

(iii) controls what enters and leaves the cell? _____

6. Give a function for each of the following parts of a plant cell.

(i) cell wall _____

(ii) chloroplast _____

(iii) large vacuole _____

7. In this question, you have a choice. Choose either (a) **or** (b) **or** (c). You only have to complete **one** of them.

(a) Draw a plant cell and label each part.

OR

(b) Create a table to compare plant cells with animal cells.

OR

(c) Create a rhyme or song to help you remember the function of each part of a plant cell.

Diagram: