

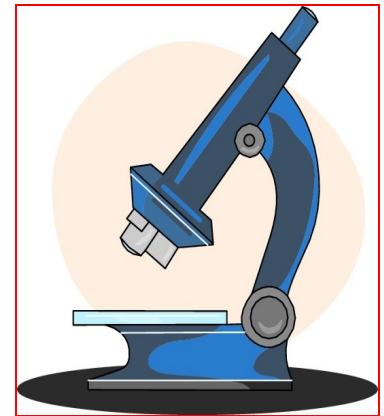
### 3.6 Cells

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? \_\_\_\_\_

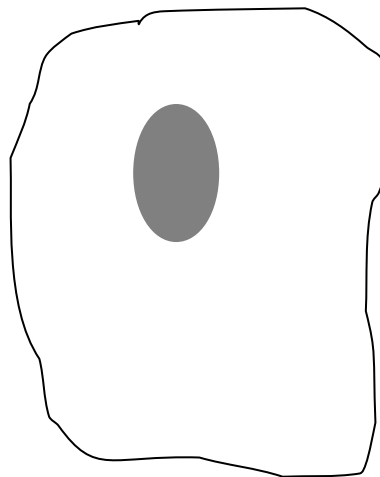
Give a reason for your answer. \_\_\_\_\_

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:**



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