Mark:

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**Name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Class**: \_\_\_\_\_\_\_\_\_\_\_

**Cells and Reproduction – Using a Microscope**

1. **a.** Complete the diagram below by filling in the missing labels.



**(3)**

**b**. State two ways in which plant cells are different from animal cells.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(2)**

1. State the jobs of the following cells:



1. Job of cell: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Job of cell: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



1. Job of cell: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(3)**

1. Each part of a cell has a specific function. On the table below, draw an arrow to link the correct cell part to its function.

|  |
| --- |
| **Part of Cell** |
|  Cytoplasm |
| Nucleus |
| Cell membrane |
| Vacuole |
| Chloroplast**(5)** |

|  |
| --- |
| **Function** |
| Controls what comes in and goes out of the cell |
| Stores water and sap in the cell |
| The site of chemical reactions in the cell |
| Site of photosynthesis |
| Controls the activities of the cell |

1. Complete the diagram below by labelling the 8 different parts of the microscope.



**(7)**