The
Microscope
Exam Questions
2012 - Ordinary

<table>
<thead>
<tr>
<th>Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm</td>
</tr>
<tr>
<td>Eyepiece</td>
</tr>
<tr>
<td>Focus Wheel</td>
</tr>
<tr>
<td>Base</td>
</tr>
<tr>
<td>To magnify</td>
</tr>
<tr>
<td>To focus</td>
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<tr>
<td>To hold sample</td>
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</tbody>
</table>
Write the letter **A** beside the **name** of the part labelled **A**.

Write the letter **B** beside the **name** of the part labelled **B**.

Write the letter **C** beside the **name** of the part labelled **C**.

Write the letter **F** beside the **function** of the part labelled **D**.

**Name** the part of the microscope that you would place the slide on for viewing.
Iodine stain is sometimes added to a piece of onion skin when preparing a slide of plant cells. Why is the iodine used?
Write the letter A beside the function of the part labelled A.

Write the letter B beside the function of the part labelled B.
What is the **combined function** of A and B?

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Name the **part labelled C** in the diagram.

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2008 - Ordinary

<table>
<thead>
<tr>
<th>Lens</th>
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<tbody>
<tr>
<td>Lamp</td>
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<td>Eye piece</td>
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<td>Focus wheel</td>
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</table>
2008 - Ordinary

In the table write the letter A beside the name of the part labelled A.

In the table write the letter B beside the name of the part labelled B.

In the table write the letter C beside the name of the part labelled C.

In the table write the letter F beside the function of the part labelled B.
The picture shows a piece of laboratory equipment.

**Name** the piece of equipment.

________________________

Give one **use** of this piece of equipment.

________________________
What are the *functions* of parts labelled **A** and **B**?

**Function of A**

[Blank line]

[Blank line]

**Function of B**

[Blank line]

[Blank line]
2006 - Higher

Onion epidermis is a tissue only one cell thick. It is used in school laboratories on microscope slides to investigate plant cell structure using a microscope.

Describe how to prepare a microscope slide from a plant tissue.

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