

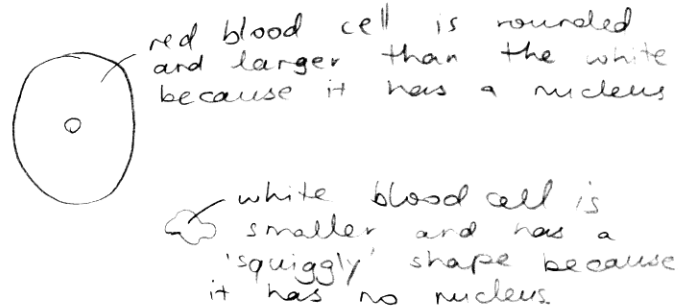
Marks

Question 21 (8 marks)

Describe a first-hand investigation used to estimate the size of red blood cells on a prepared microscope slide. 8

In your description include:

- a list of equipment used;
- a safety precaution needed;
- the step-by-step method used;
- a scaled diagram of a red blood cell.



Equipment used:

electron microscope

slide

tweezers/tongs to handle the slide with

paper and pencil to record observations.

Safety precaution - make sure the power point

~~the~~ switch is off before you insert the plug.

Method:

- ~~the~~ place the plug into the power point and switch on the microscope.

- make sure you are in a well-lit area so sufficient light is provided for viewing the slide

- place slide onto plate

- look through eye piece and make any necessary adjustments (focus)

- After you have focused the image, move the slide around slightly until you are looking at ~~the~~ what you're looking for

- Make any further adjustments ~~to~~ to the lens

- Draw what you see on the slide ~~in~~ in your notebook making sure to indicate sizes in the drawing as they are seen through the microscope.

- Turn off microscope and switch of power point. Unplugg.

- Give slide to teacher. -16-