

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: microscope

• RBC sample of blood

glass slide with graph print

Safety: wear gloves when working with blood to prevent transmission of any possible disease.
Careful not to break slide.

Method: Slide was prepared using gloves. 1 drop of blood was placed on slide.

2. Slide was placed under the microscope

3. Microscope was adjusted to x100 and made so the blood could be viewed clearly.

4. Red blood cells were measured using the graph print.

5. Repeated for accuracy.

6. Results were recorded and size recorded and calculated.

