

## **Assessment in IGCSE Biology 0610**

### **Session 2: Handout 2.24**

#### **Creating a mark scheme**

Construct a mark scheme for question 4 that appears on the following two pages.

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#### **Creating a mark scheme**

Construct a mark scheme for the following question.

- 4 Fig. 4.1 shows a typical animal cell and a typical plant cell.

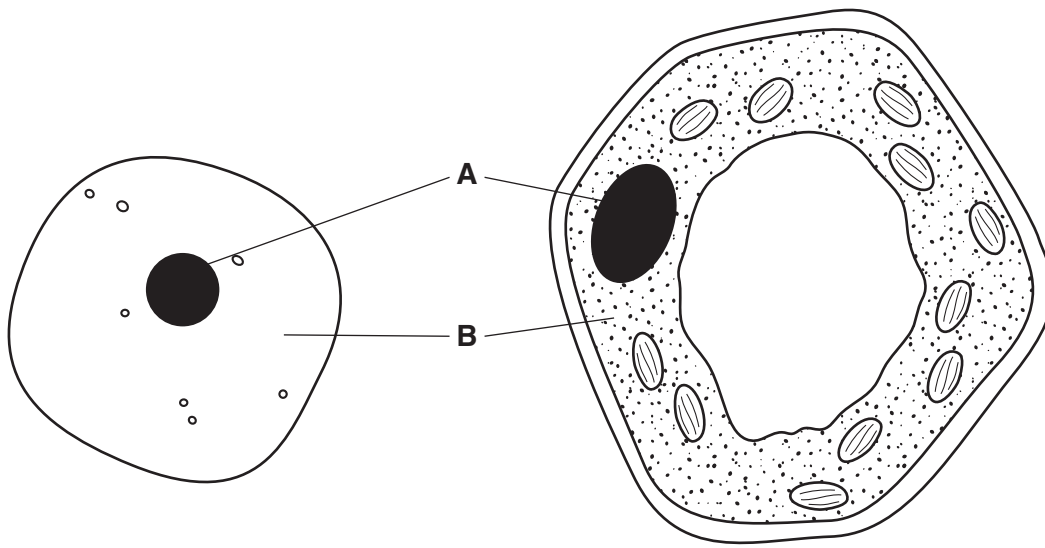


Fig. 4.1

- (a) (i) Name the parts of the cells labelled **A** and **B**.

**A** .....

**B** .....[2]

- (ii) Label on the diagram, with a letter **C**, another structure that occurs in both cells. [1]

- (b) For each of the following types of cell, state **one** way in which it is different from the animal cell in Fig. 4.1. State the function of each type of cell.

- (i) cell lining the trachea (windpipe)

*difference* .....

.....

*function* .....

.....[2]

- (ii) red blood cell

*difference* .....

.....

*function* .....

.....[2]

(c) Materials can enter the cells shown in Fig. 4.1 by diffusion and osmosis.

(i) Define *diffusion*.

.....

.....

.....[2]

(ii) Describe how osmosis differs from diffusion.

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.....

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.....[2]

[Total : 11]