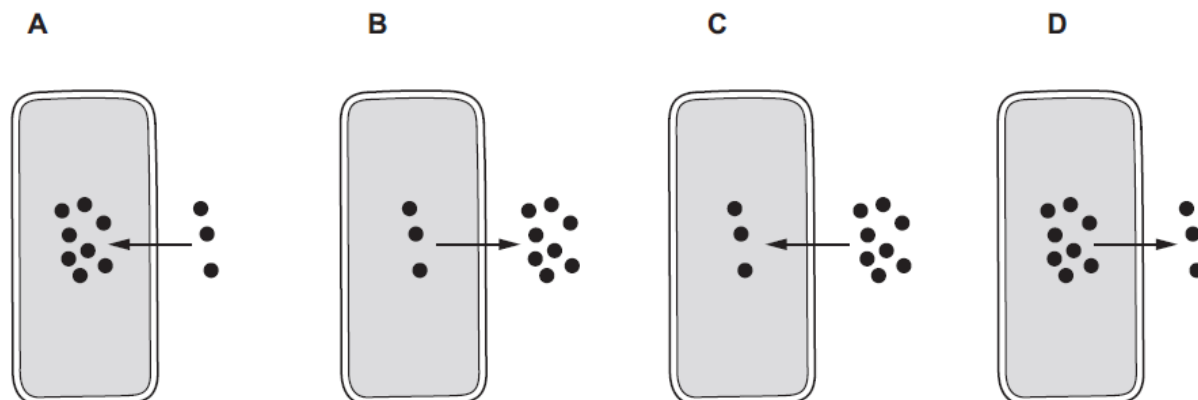


**Movement into and out of cells – 2022 June O Level 5090****1. June/2022/Paper\_11/No.3**

The diagrams show four different plant cells.

They are all carrying out aerobic respiration.

Which diagram represents the movement of carbon dioxide molecules?

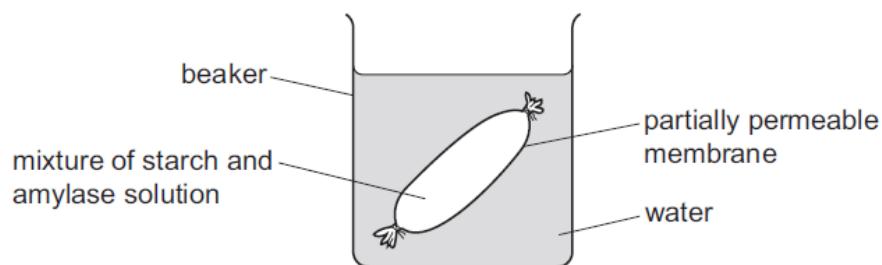
**2. June/2022/Paper\_12/No.3**

What is diffusion?

- A** movement of particles by the air
- B** movement of molecules down a concentration gradient
- C** movement of molecules in a heated liquid
- D** movement of particles up a concentration gradient

## 3. June/2022/Paper\_12/No.9

The experiment shown was set up and left for 30 minutes.



The membrane is permeable to sugar and water but not permeable to starch or protein. After 30 minutes, samples of the water in the beaker were tested with Benedict's reagent, biuret reagent and iodine solution.

Which colours were obtained with these tests?

	Benedict's test	biuret test	iodine test
<b>A</b>	blue	violet	blue-black
<b>B</b>	red	blue	brown
<b>C</b>	red	blue	blue-black
<b>D</b>	red	violet	brown