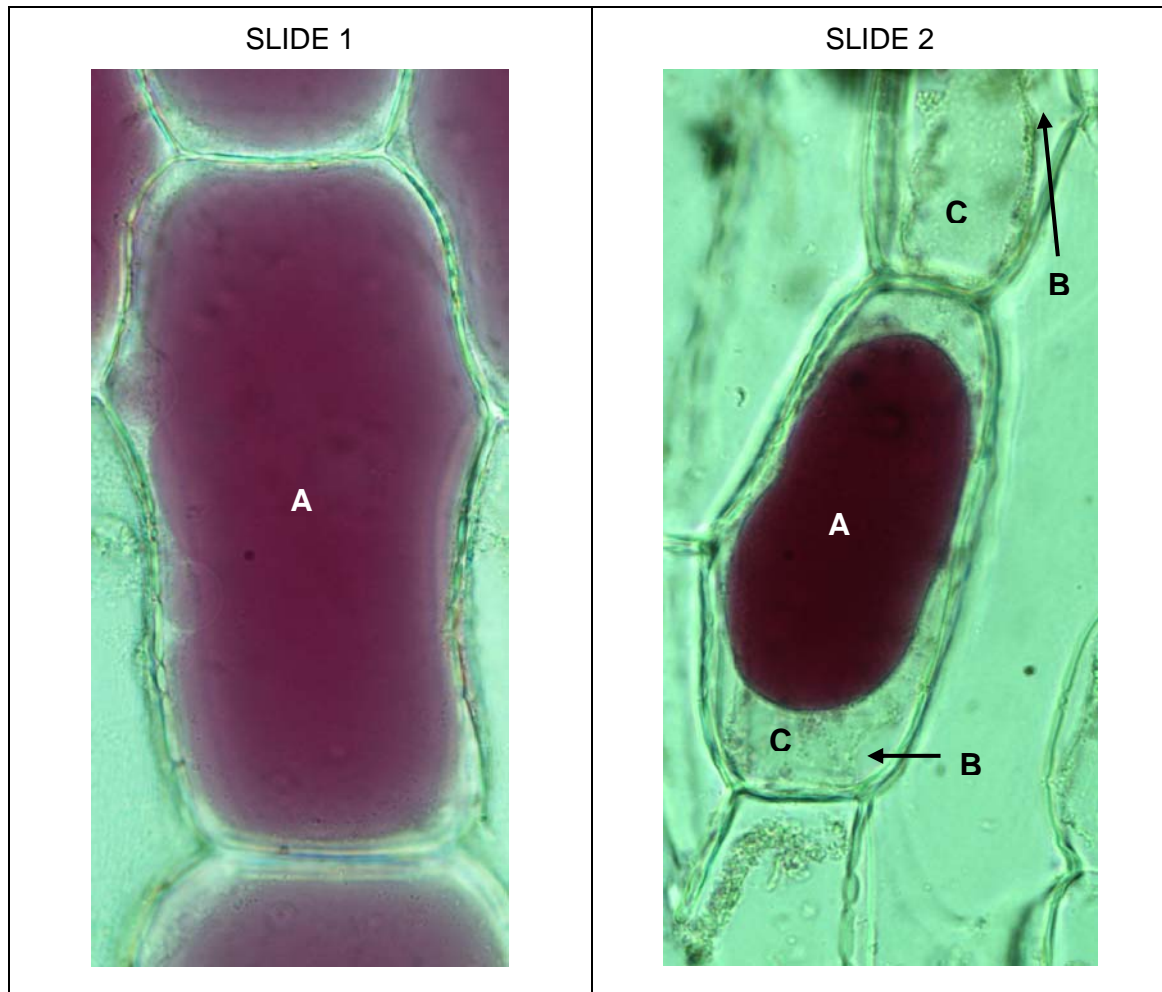


CELLS ONLINE WORKSHEET

TOPIC

RED ONION CELLS IN HIGH SOLUTE CONCENTRATION

In the epidermis of red onions, some of the cells contain red pigment. Red onion epidermis was placed in either water (Slide 1) or a solution containing a high concentration of sucrose (Slide 2). Cells were viewed with the light microscope at 400x magnification.



Download this page, place in your notebook and answer the following questions.

Q1: Name structure A containing the red pigment.

Q2: What is present in the region labelled B?

Q3: Name the part of the cell labelled C.

Q4: Explain what has happened to make the cell in Slide 2 appear different from those in Slide 1.