**L8 Osmosis NEAB 1.2-1.2 Answers**

H1 water

H2 concentrated

H3 membrane

H4 solute **[4]**

H5 water

H6 partially permeable

H7 a concentration gradient **[3]**

H8 A = solute molecules

B = partially permeable membrane **[2]**

H9 C = water molecules

D = pore in membrane **[2]**

H10 inside the cell **[1]**

H11 outside to in **[1]**

H12 solute molecules are too big to pass through the pores in the membrane **[1]**

H13 diffusion involves any gas or substance in solution **[1]**

osmosis is about diffusion of water molecules **[1]**

H14 water would enter the animal cell

by osmosis

and the volume of the cell would increase

the cell would eventually burst because there is no cell wall to limit its expansion **[4]**

**Total [20]**