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This discussion is now closed.Check out other Related discussionsA student used a Potometer to measure the movement of water through the shoot of a plant. As water is lost from the shoot, it is replaced by water from the capillary tube1 . In one experiment, the air bubble moved 7.5mm in 15 minutes. The diameter of the capillary tube was 1.0mm Calculate the rate of water uptake by the shoot in this experiment Does rate if water uptake = distance traveled by the air bubble x area of cross section of capillary tube ???I got 23.56, is that right ???2 . The student wanted to determine the rate of water loss per mm^2 of surface area of the leaves of the shoot in the Potometer.Outline a method she could have used to find this rate. You should assume that all water loss from the shoot is from the leavesI have no idea how to answer this, any help would be great 3. The rate of water movement through a shoot in a Potometer may not be the same as the rate of water movement through the shoot of a whole plant Suggest one reason whyAlso dont know what to do for this one Any help would be awesome xThis discussion is now closed.Check out other Related discussions(drooping leaves).The student makes a potometer to estimate the rate of water uptake by a leafy shoot from the plant.The potometer is set up as in Figure 3 in a laboratory with a constant temperature of 15CPart 2.4 is the one I need help with, any ideas?Screen Shot 2021-05-21 at 2.52.46 AM.png54.0KBThis discussion is now closed.Check out other Related discussionsHi, I have done a couple of past papers at school which have had questions about the different precautions you need to take when using a potometer in order to get an accurate reading, and I have managed to lose my notes which told me which precautions to take, for examplebut i was wondering if anyone had like a definitive list of the precautions you take, this is OCR AS Biology btw.CheersThis discussion is now closed.Check out other Related discussionsHi guys,I currently do a level biology and I'm pretty good at the maths questions except for the rate of uptake by a potometer, volume of water etc. Are there any equations I should know? When I google it, the equations are different each time. Also, below is a question I got wrong in the mock. Can someone help me understand how the answer was achieved? I've seen the mark scheme but I don't understand why that calculation was done or how the radius was achieved. 20Eduqas%20AS%20Biology%20SAMs%20-%20Formatted.pdf?language_id=1question 2bi) in component 2 (second exam paper)the mark scheme says 'Volume of water = (151 x 3.14 x 0.52) (1) divided by 5 (1)= 23.7 (1)'Thanks so much in advance and good luck for the upcoming exams This discussion is now closed.Check out other Related discussionsHey, does anyone have the results for OCR Biology A Level PAG 5.3 Using a potometer? Much needed so any help will be appreciated. Thanks in advance

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