Phloem transport

| 1. | Plants transport organic compounds, su | the main sugar, from | | |
|----|---|----------------------------|-----------------------|--------------|
| | to If | depends on the time of | the year. | |
| 2. | Water is pressure. | vhich allows it to possess | a great deal of | |
| 3. | To move a molecule, such as | into the phloem, | tr | ansport is |
| | carried out. This means that it require | s and a | prote | in. |
| 4. | In the case of, it nee | ds to be moved in with tl | he help of | ions. |
| | These are also called | As both substances move | e together, this form | of transport |
| | is called | | | |
| 5. | The process of uploading into the phloem tubes is at follows: | | | |
| a) | At the source, are pum | ped outside the phloem, | creating a | |
| | gradient. | | | |
| b) | The then me | ove down their concentra | ation | , through |
| | a This sim | ultaneously allows | to enter. | |
| c) | Once has entered the ph | nloem t | ube, | _ passively |
| | moves in too, by the process of | | | |
| d) | This creates | pressure and moves t | he sap towards the | · |
| | There, the is being a | ctively | from the | |
| | tubes, which lowers the pressure by the sink, as will also leave. | | | |

| 6. | Draw a cross-section of a root and a stem, showing the locations of xylem and phloem: | | |
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