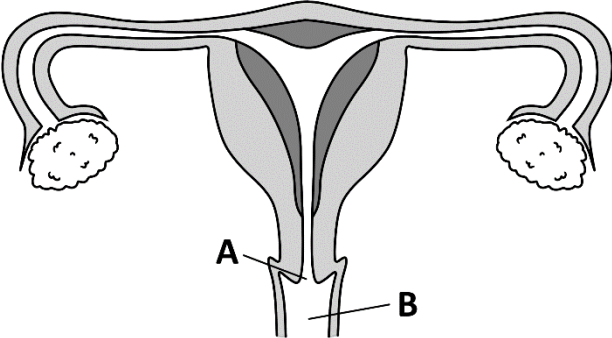


Biology 1 a Week Activity		Higher	28 th Week
Name: Class:			
Plants need both magnesium ions and nitrate ions for healthy development. State why each of these is important for healthy development.			
Magnesium ions:			
Nitrate ions:			
The diagram below shows the female reproductive system.			
		i. Name the structures labelled A and B. A = ... B = ...	
ii. Label, on the diagram above, with the appropriate letter, where: 1) Fertilisation normally occurs – F. 2) Gametes are produced – G. 3) Oestrogen is produced – O.			
iii. List three secondary sexual characteristics that are stimulated by oestrogen.			
State the name of the hormone that increases the permeability of the kidney nephron.		State the name of the hormone that causes ovulation.	
State which valve is found between the left atrium and left ventricle.		Which side of the heart contains oxygenated blood?	
Clostridium tetani is a bacterium that can be found in soil. It causes the infection tetanus. Children are vaccinated against tetanus. Explain why these children do not get tetanus if the bacteria enter their body through a cut			