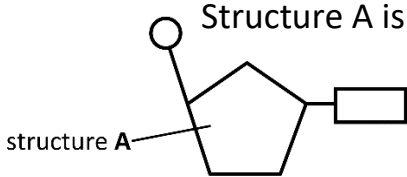
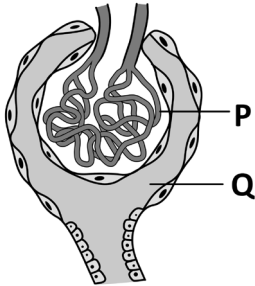


Biology 1 a Week Activity		Higher	47 th Week
Name:		Class:	
			
The figure below shows the structure of a DNA nucleotide.  Structure A is a: A Base State what form of bond holds DNA strands together. B Phosphate C Sugar D Polymer 			
The figure below shows part of a nephron.  i. What process occurs at P? ii. What effect does more ADH have on the collecting duct of the kidney? iii. Name the structures labelled P and Q. P = ... Q = ...			
Give the function of a ribosome. 		State the function of a root hair cell. 	
i. Name the enzyme used to join an insulin gene to bacterial plasmid. ii. Suggest why the same restriction enzyme is used to cut open a human chromosome and a bacterial plasmid. 			
What is a gene? 		What is an allele? 	
The diagram shows some structures in a yeast cell. Identify the structures labelled A and B. A = ... B = ... 