



## Year 10 BIOLOGY REVISION CHECKLIST. Winter Examinations

As you begin your revision, complete this honestly to help you see where your priorities should lie for your revision. The target is eventually to get all your ticks in the left hand column.

I CAN:		
Name the parts of a microscope.		
State the functions of the different parts of the microscope.		
Calculate the total magnification of a microscope.		
Describe how to prepare a microscope slide of onion cells.		
Label the parts of animal and plant cells.		
State the functions of the parts of cells.		
Compare animal and plant cells.		
Identify two specialised animal cells and describe their functions.		
Identify two specialised plant cells and describe their functions.		
Explain how each cell is adapted for its function.		
Label the parts of the respiratory system.		
Identify the ways in which alveoli are well adapted for gas exchange.		
Describe what occurs during inspiration & expiration.		
Name the gases present in inhaled and exhaled air and their %.		
State the harmful chemicals in cigarettes and their effects.		
Write the word equation for aerobic respiration.		
Describe the colour change of hydrogen carbonate indicator solution and limewater in different concentrations of carbon dioxide.		