	es of ATP in cells. [2 marks]
(b) Explain how AT	P is produced during aerobic respiration. [2 marks]
(a) Dagariba bayya	
(c) Describe now a yeast. [3 marks]	anaerobic respiration in animals differs from anaerobic respiration in plants and
	
(d) Write the overa	all balanced chemical equation for aerobic respiration. [1 mark]

5. AQA A2/Yr2 Biology - Respiration overview

Mark Scheme

- (a) Active transport; Muscle contraction / building large molecules / phosphorylation of molecules.
- (b) Energy released from glucose breakdown; Used to join ADP and Pi to form ATP by condensation.
- (c) Animals produce lactate; Plants and yeast produce ethanol and carbon dioxide; Both produce less ATP than aerobic respiration.
- (d) $C_6H_{12}O_6 + 6O_2 \rightarrow 6CO_2 + 6H_2O$.