

7(a)	any three from: 1 breaks down / hydrolyses to / converted to, ADP / AMP, and Pi ; 2 releases energy / energy donor ; 3 reversible reaction / high turnover / can be regenerated ; 4 small / soluble, so can, diffuse / move (freely), in cell ; 5 AVP ;
7(b)	any six from: 1 ETC / electron flow, less / stops ; 2 no / less, energy, available / released / supplied (from electron flow) ; 3 no / fewer, H⁺ ions / protons, <u>pumped</u> to intermembrane space ; 4 no / smaller, H⁺ / proton, gradient ; 5 no / fewer, protons <u>diffuse</u> through ATP synthase ; 6 no / fewer, electrons reach, last carrier / end of chain ; 7 no / fewer, electrons can react with oxygen to form water ; 8 (oxidised) <u>NAD</u> not regenerated / lack of <u>NAD</u> ; 9 no / less, glycolysis / link reaction / Krebs cycle ; 10 AVP ;