

**Revision Checklist – Paper 1 (Physical Geography)**  
**Section 3 Option B: Ecosystems under stress**

Topic		Notes	😊	😐	😞
<b>Ecosystems and sustainability</b>					
1.1	The concept of biodiversity				
1.2	Biodiversity trends				
1.3	Importance of ecosystems				
1.4	Human populations in ecosystems				
<b>Ecosystems and processes</b>					
2.1	Nature of ecosystems				
2.2	Ecosystems as systems				
2.3	Succession				
2.4	Mineral nutrient cycling				
2.5	Terrestrial ecosystems				
2.6	Changes to ecosystems				
<b>Biomes</b>					
3.1	Biome concept				
3.2	Distribution of biomes				
3.3	Case Study: Tropical Rainforest				
3.4	Case Study: Savanna Grassland				
<b>British ecosystems</b>					
4.1	Succession and climatic climax				
4.2	Temperate deciduous woodland biome				
4.3	Case Study: human activity on succession				
<b>Marine ecosystems</b>					
5.1	Distribution of coral reef ecosystems				
5.2	Factors in the health and survival of reefs				
5.3	Case Study: Coral Reef				
<b>Local ecosystems</b>					
6.1	Characteristics of a distinctive local ecosystem				
6.2	Ecological responses to climate and soil changes				
6.3	Conservation strategies				
<b>Case Studies</b>					
7.1	Region experiencing ecological change				
7.2	Local scale ecosystem				

