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| 6(a)(i)  | <p><i>any two from:</i></p> <p>less (land) covered by forest ;</p> <p>more fragmented forest ;</p> <p>less forest around the coast / AW ;</p>                                                                                                                                                                                                                                                                                                                                                                                             |
| 6(a)(ii) | <p><i>any two from:</i></p> <p>1 housing / AW ;</p> <p>2 agriculture / AW ;</p> <p>3 (logging), for timber / fuel / paper ;</p> <p>4 extraction of natural resources ;</p> <p>5 wildfires ;</p> <p>6 climate change ;</p> <p>7 disease / invasive species ;</p>                                                                                                                                                                                                                                                                           |
| 6(b)     | <p><b>T</b> photosynthesis ;</p> <p><b>U</b> (aerobic) respiration ;</p> <p><b>V</b> combustion ;</p>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6(c)(i)  | <p><i>any three from:</i></p> <p>1 decrease in photosynthesis leads to less carbon dioxide removed from atmosphere ;</p> <p>2 increase in decomposition of felled trees leads to more carbon dioxide added to the atmosphere ;</p> <p>3 increase in combustion of felled trees leads to more carbon dioxide added to the atmosphere ;</p> <p>4 carbon dioxide traps, infrared / long wavelength, radiation (from the ground) ;</p> <p>5 increase / enhanced, greenhouse effect ;</p>                                                      |
| 6(c)(ii) | <p><i>any three from:</i></p> <p>1 loss of habitat ;</p> <p>2 extinction of species ;</p> <p>3 reducing biodiversity ;</p> <p>4 disrupt cycling of nutrients ;</p> <p>5 disrupt, energy flow / food web / food chain ;</p> <p>6 loss of possible, fuels / crop plants / drugs / genes ;</p> <p>7 soil erosion / infertile land ;</p> <p>8 (more run off) flooding ;</p> <p>9 (fewer trees means) less transpiration / less water vapour in the atmosphere ;</p> <p>10 so less rainfall / droughts / desertification ;</p> <p>11 AVP ;</p> |