

ECOSYSTEMS

Mark scheme Foundation 2004

Question 10: Ecosystems

(a) (i) 3x1 nature reserve created, limited access to reserve, companies pay for research, dispersal of plant and animal species. **(3 marks)**

(ii) The locals can continue to feed themselves (1) through shifting cultivation (1); jobs may be available (1) in logging, palm oil industries (1); the preserved forest will provide other plants and animals as food supply(1); keeping it a reserve maintains a traditional economy; money made by research companies reinvested into local economy etc. 4x1 or developed points **(4 marks)**

(iii) Erosion; flooding; money **(3 marks)**

(b) (i) Drought. **(1 mark)**.

(ii) **Level 1 Basic (1-2 marks)**

Basic statements that may state adaptations without explaining e.g. loses

leaves in drought, thick barks, stores water

Level 2 Clear (3-4 marks)

Clear link between the adaptation and the reason e.g. loses leaves (during drought) to reduce water loss, thick trunk/bark (e.g. in the baobab) can store

water for use during the drought. **(4 marks)**

(45 marks)