Question Number	Answer	Additional Guidance	Mark
5(a)	1. the role of {an organism / a species / sloth} in its {habitat /community / environment / ecosystem eq} ; 2. sloths are {herbivores / provide food for carnivores / eq} ;	1. **IGNORE** exploit environment 2.**ACCEPT** sloths eat leaves	**(2)**

Question Number	Answer	*Additional Guidance*	Mark
5(b)	1. 15% of 48 and 53 calculated = 7.2 and 7.95 ; 2. Correct lengths = 55.2 and 60.95 (cm) ;	**Correct answer with no working shown gains both marks** 2. **ACCEPT** 5.75 or 6 (cm) as correct answer 2.**ACCEPT** 55 and 61 (cm)	**(2)**

Question Number	Answer	Additional Guidance	Mark
5(c)(i)	**Advantage to the sloth:** 1. **algae** provide camouflage from predators / eq ; **Advantage to the algae:** 2. idea (algae) are high up (in the trees) to absorb sunlight for photosynthesis / eq ; **Advantage to the moth:** 3. algae provide it with food / eq ;	1. **ACCEPT** idea algae are a food source for sloths 2. **ACCEPT** idea they obtain water from sloth fur 3. **ACCEPT** idea sloth fur provides protection / warm temperature for eggs 3. **ACCEPT** idea (sloth fur) gives protection / camouflage from predators 3.**IGNORE** moths eat sloth fur	**(3)**

Question Number	Answer	Additional Guidance	Mark
5(c)(ii)	1. remove **all** the organisms from (the fur of) the sloth ; 2. {count / identify} the number of different **species** ;	**1. IGNORE** references to use of quadrats but **DO NOT ACCEPT** context of pitfall trap 2.**NOT** organisms	**(2)**