



General Certificate of Secondary Education

Biology A 3413

Module 19: Moving & Feeding

Module Test Answer Keys

November 2006 examination series

Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation meeting attended by all examiners and is the scheme which was used by them in this examination. The standardisation meeting ensures that the mark scheme covers the candidates' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for the standardisation meeting each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed at the meeting and legislated for. If, after this meeting, examiners encounter unusual answers which have not been discussed at the meeting they are required to refer these to the Principal Examiner.

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Moving & Feeding : Foundation Tier

Question No.	KEY
One	1 – premolar tooth 2 – molar tooth 3 – incisor tooth 4 – canine tooth
Two	1 – used to shear meat and crush bones 2 – used to crush food and grind food 3 – sharp and pointed to grip prey 4 – used to bite food
Three	1 – bone 2 – joint membrane 3 – synovial fluid 4 – cartilage
Four	1 – bones 2 – muscles 3 – flight feathers 4 – streamlined body shapes
Five	1 – water is forced out of the body 2 – cilia beat to draw in a current of water 3 – cilia move trapped plankton to the mouth 4 – plankton is filtered out of the water
Six	a needle-like proboscis throat muscles
Seven	short body small mass
Eight	8.1 – C, 8.2 – B, 8.3 – A, 8.4 – D
Nine	9.1 – C, 9.2 – B, 9.3 – C, 9.4 – C
Ten	10.1 – A, 10.2 – C, 10.3 – A, 10.4 – B

Moving & Feeding : Higher Tier

Question No.	KEY
One	1 – water is forced out of the body 2 – cilia beat to draw in a current of water 3 – cilia move trapped plankton to the mouth 4 – plankton is filtered out of the water
Two	1 – downstroke 2 – flat 3 – lift 4 – upstroke
Three	short body small mass
Four	it is hard prevent it from being brittle
Five	5.1 – C, 5.2 – B, 5.3 – A, 5.4 – D
Six	6.1 – C, 6.2 – B, 6.3 – C, 6.4 – C
Seven	7.1 – A, 7.2 – C, 7.3 – A, 7.4 – B
Eight	8.1 – A, 8.2 – D, 8.3 – C, 8.4 – A
Nine	9.1 – A, 9.2 – A, 9.3 – A, 9.4 – C
Ten	10.1 – B, 10.2 – D, 10.3 – B, 10.4 – B