

# Mark scheme March 2005

## **GCSE**

## Biology (Modular)

### Module 19

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### Moving and Feeding: Foundation Tier

Question No.	KEY
One	1 – molar tooth
	2 – incisor tooth
	3 – canine tooth
	4 – premolar tooth
TD.	
Two	1 – glucose
	2 – carbon dioxide 3 – heat
	5 – neat 4 – oxygen
	4 – oxygen
Three	1 – makes the jaw move
Timee	2 – crushes bones
	3 – grips prey and tears meat
	4 – pulls meat apart
Four	1 – blood
	2 – muscles
	3 – proboscis
	4 – saliva
Five	1 – pulls the leg backwards
	2 – straightens the leg at the ankle
	3 – bends the leg at the ankle
	4 – straightens the leg at the knee
Six	layers of cartilage
SIX	oily synovial fluid
	ony synovial naid
Seven	ability to create a feeding current of water
	structures that act as a sieve for the plankton
Eight	1 – D, 2 – C, 3 – B, 4 – B
Nine	1 – A, 2 – C, 3 – A, 4 – B
Ten	1 - A, 2 - C, 3 - B, 4 - A

### Moving and Feeding: Higher Tier

Question No.	KEY
One	<ul> <li>1 - pulls the leg backwards</li> <li>2 - straightens the leg at the ankle</li> <li>3 - bends the leg at the ankle</li> <li>4 - straightens the leg at the knee</li> </ul>
Two	1 – mosquito 2 – aphid 3 – housefly 4 – butterfly
Three	ability to create a feeding current of water structures that act as a sieve for the plankton
Four	living cells protein
Five	1 – D, 2 – C, 3 – B, 4 – B
1100	1
Six	1 – A, 2 – C, 3 – A, 4 – B
Seven	1 – A, 2 – C, 3 – B, 4 – A
Eight	1 - C, 2 - C, 3 - C, 4 - D
Nine	1 - C, 2 - D, 3 - C, 4 - C
Ten	1 - C, 2 - A, 3 - C, 4 - C