



## **Agricultural Science Past Exam Questions**

### **Classification of Organisms**

#### **Ordinary Level**

**2013 – Section 2 – Question 11 – Part (a)**



(a) Earthworms belong to the phylum Annelida and play a very important role in the soil.

- (i) Give two characteristic features of the phylum Annelida.
- (ii) Describe any three benefits earthworms bring to the soil.
- (iii) Describe an investigation to estimate the earthworm population in a pasture.



**2012 – Section 1 – Question 2**



Complete the table below in relation to the animals shown in the photographs.

		
(a) Name of animal.		
(b) Phylum to which animal belongs.		
(c) One characteristic of a member of the phylum.		
(d) Importance in agriculture.		

(20 marks)

**2011 – Section 1 – Question 4**

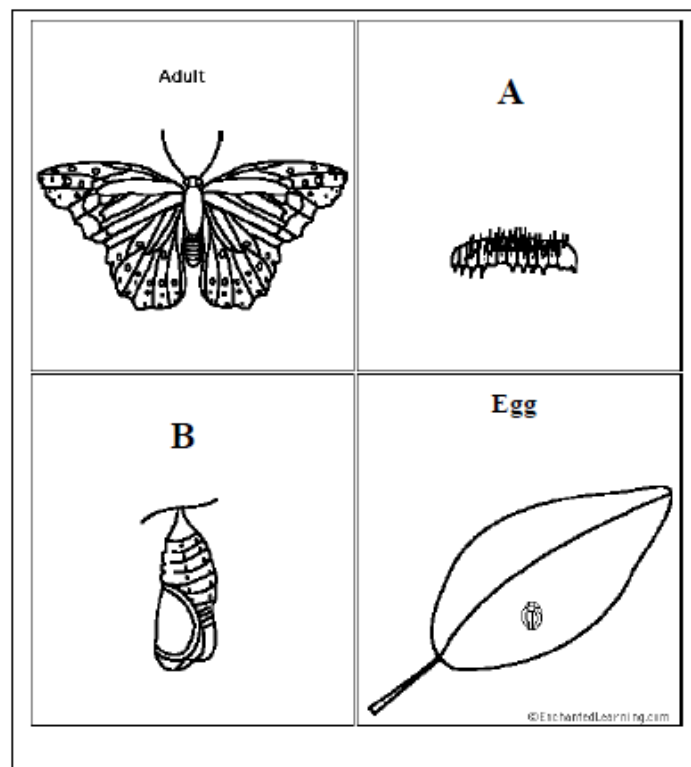
Complete the table below in relation to the organisms shown in the photographs.

		
(i) Name of organism		
(ii) Phylum		
(iii) One characteristic of a member of the phylum		
(iv) Importance in agriculture		

(20 marks)

**2008 – Section 1 – Question 5**

The diagrams below show the lifecycle of the cabbage white butterfly.



(a) Name the stages A and B.

A \_\_\_\_\_ B \_\_\_\_\_

(b) What is the name given to the type of change in the life cycle of an insect as shown in the diagram? \_\_\_\_\_

(c) (i) Damage can be done to crops by this insect. Which of the above stages does the most damage? \_\_\_\_\_

(ii) State what type of damage is done to crops.  
\_\_\_\_\_

(d) Name **two** other insects that show this type of change in their life cycles.



(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(20 marks)

**2007 – Section 1 – Question 4**

Complete the spaces in the table below.

	[Oxford Scientific]	[Foto Natura Stock / FLPA]
		
Name of animal		
Phylum		
Give <b>one</b> characteristic feature of the phylum		
State <b>one</b> benefit of the animal to agriculture		

(20 marks)