

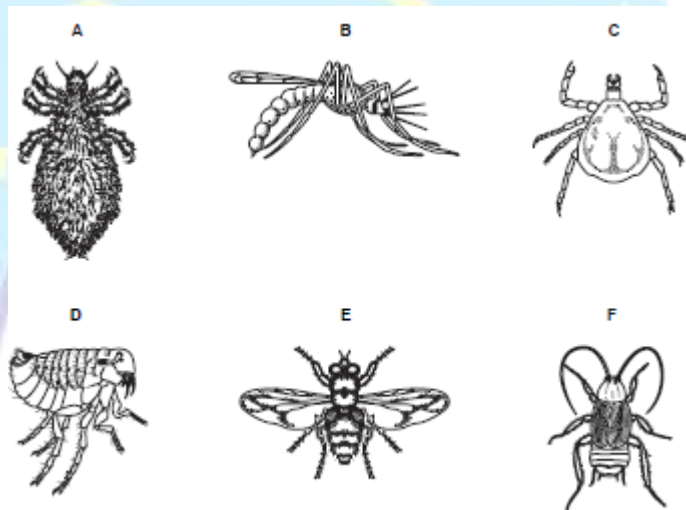
DEPARTMENT OF BIOLOGY

GRADES 9 TO 12

TERM-1, ACADEMIC YEAR 2017 – 2018

Worksheet No.	1	Topic		Classification	
Grade	9	Section		Date	
Student Name					

- The arthropods include four classes- insects, arachnids, crustaceans, myriapods.
 - List three features that all these classes possess.
 - List three features that only insects possess.
- Differentiate between monocots and dicots.
- Why is it difficult to classify viruses into one of the five kingdoms of living organisms?
- Figure 4.1 shows six arthropods, each of which could carry disease organisms



use the key to identify each of the arthropods.

	arthropod
1 (a) Wings present	go to 2
(b) Wings absent	go to 4
2 (a) Wings shorter than abdomen	go to 3
(b) Wings longer than abdomen	Musca
3 (a) Abdomen long and narrow	Anopheles
(b) Abdomen short and broad	Periplaneta
4 (a) Has three pairs of legs	go to 5
(b) Has four pairs of legs	Ornithodoros
5 (a) One pair of legs shorter than the other pairs	Pulex
(b) All pairs of legs of similar length	Pediculus

- What are you?
 - Name two additional characteristics of mammals.
 - In what way are humans' special mammals?