

Name _____

County _____

4-H ENTOMOLOGY
Sample Contest
Intermediate Division

I. Match the insect with the correct order. Write the letter in the space provided (10 points).

Insects (or Arthropods)

- _____ 1. Toad bug
- _____ 2. Greater wax moth
- _____ 3. Antlion
- _____ 4. Chicken head louse
- _____ 5. Termite
- _____ 6. Wolf spider
- _____ 7. Velvet ant
- _____ 8. Stonefly
- _____ 9. Horsefly
- _____ 10. Lesser grain borer

Orders

- A. Lepidoptera
- B. Neuroptera
- C. Isoptera
- D. Coleoptera
- E. Phthiraptera (Mallophaga)
- F. Hemiptera (Heteroptera)
- G. Hymenoptera
- H. Diptera
- I. Araneae
- J. Plecoptera

II. Read the questions carefully . Write a T for true and F for False (10 points).

- 1. _____ Grubs are the immature stage of beetles.
- 2. _____ Immature stages of stoneflies and dobsonflies are found in the soil.
- 3. _____ Immature stages of mantids and lacewings are predaceous.
- 4. _____ True bugs have chewing mouthparts.
- 5. _____ Fleas are not known to transmit any disease.
- 6. _____ Locusts, lubber and long-horned are terms used to describe grasshoppers.
- 7. _____ Mayflies are the only insects that molt after their wings are fully developed.
- 8. _____ The order Coleoptera is considered the largest order of insects and contains 25 percent of the known species of insects.
- 9. _____ The mouthparts of some Hymenoptera are made for both chewing and sucking.
- 10. _____ Insects in the order Diptera are responsible for the spread of malaria.

III. Where are the following arthropods found ? (10 points):

1. _____ Termite

2. _____ German cockroach

3. _____ Bollworm

4. _____ Rice weevil

5. _____ Monarch

6. _____ Caddisfly

7. _____ Plum curculio

8. _____ Soft scales

9. _____ Fireflies

10. _____ Recluse spider

A. Milkweed

B. Stored grain

C. Kitchen cabinet

D. Board piles

E. Cotton

F. Ornamental trees

G. Stream

H. Weeds

I. Rotting stump

J. Peaches