2016 E.C 1st Semester 1st Quarter Biology 3rd Worksheet for grade 11th

Name ---------- Grade ---------- Section --------- No ----------

I. Choose the best answer for the following questions

1. Which of the following statements is true?
   A. Understanding animal behavior can help in conserving endangered species.
   B. Ethology is the study of behavior
   C. Finding from the study of animal behavior can help to predict human behavior patterns.
   D. All are correct
2. Animals move from a less desirable location to a more desirable location by means of
   A. Biological clock B. Taxis and kinesis C. Courtship display D. Circadian rhythms
3. Why is a spider spinning a web an innate behavior?
   A. It learns how to spin the web from its mother.
   B. It learns how to spin a web through insight learning.
   C. It is born knowing how to spin a web.
   D. It learns how to spin a web through observational learning.
4. Which of the following terms is another term for innate?
   A. Instinct B. Learned C. Trial and error D. Copying
5. The study of the natural history of animal behavior is
   A. Etiology B. Psychology C. Ethology D. Parapsychology
6. An example of associative learning would be
   A. Classical conditioning C. Pavlovian conditioning
   B. Operant conditioning D. All of the above
7. Which of the following types of learned behavior requires mental trial and error?
   A. Sensitization B. Operant conditioning C. Classical conditioning D. Insight learning
8. Which of the following is true about innate behaviors?
   A. It is determined by the environment C. Members of the species be heave similarly
   B. It is non-adaptive behavior D. It is acquired behavior
9. When laying eggs, a female insect returns to her larval host plant, even though she has not fed upon this plant during her adult life. This is an example of:
   A. Conditioning B. Habituation C. Instrumental learning D. A and C
10. Behavior patterns that change drastically over the lifetime of an insect are probably:
    A. Learned B. Innate C. Afferent D. None of the above
11. Which of the following animal behaviors is acquired through experience?
    A. Imprinting B. Kinesis C. Sneezing D. Habituation
12. Which one of the following can be example for animal instinctive behavior?
    A. Nest building by bird's C. Honey bee dancing
    B. Aquatic animals swimming ability D. All
13. The mechanism of regulation of solutes and the loss and gain of water in human is known as_____.

A. Homeostasis B. Osmoregulation C. Thermoregulation D. Poikilotherms

14. What does glucagon promote in the liver?
    A. Hydrolysis of glycogen
    B. Glycogen production
    C. Hydrolysis of glucose
    D. Release of insulin
15. Which of the following is called the resting and inactive stage in the insect life cycle?
    A. The egg stage B. The larva stage C. The pupa stage D. The adult stage

II. <u>Answer the following questions accordingly.</u>

16. Explain briefly Pavlov's experiments on dogs.
17. Compare animal innate and learned behaviors.
18. List some example of learned behaviors and explain each.
19. List example innate behavior and explain each.
20. Explain each of the following
    a) Unconditioned Stimulus
    b) Conditioned Stimulus
    c) Unconditioned Response
    d) Conditioned stimulus