



Answer

- ▶ Eukaryotic cells have a nucleus and membrane-bound organelles




Question 3

- ▶ Using positive reinforcement for learned behavior is an example of what kind of conditioning?




Answer

- ▶ Operant Conditioning




Question 4

- ▶ Name three things animals need to do to survive?




Answer

- ▶ feeding, respiration, circulation, excretion, response, movement, & reproduction




Question 5

- ▶ What are the two main kinds of animals?



Answer

- ▶ Invertebrates and Vertebrates



Question 6

- ▶ What is the type of symmetry when a single imaginary plane can divide the body into 2 equal sides?

Answer

- ▶ Bilateral Symmetry

Question 7


- ▶ What is the stimulus and what is the response?
- ▶ Taking your jacket off because it's 100 degrees outside.

Answer

- ▶ Stimulus – 100 degrees
- ▶ Response- taking jacket off


Question 8

The concentration of sense organs & nerve cells at the front end of the body is called _____.




Answer

- ▶ Cephalization




Question 9

- ▶ Invertebrates that have a digest tract to break down food use what kind of digestion?



Answer


- ▶ Extracellular digestion



Question 10


True or False

Open-circulatory system pump blood through blood vessels.




Answer

- ▶ False




Question 11

- ▶ What is process is affected if animals don't excrete their waste?




Answer

- ▶ Homeostasis




Question 12

- ▶ What type of skeleton does an earthworm have?




Answer

- ▶ Hydrostatic Skeleton




Question 13

- ▶ What is a pheromone?




Answer

- ▶ Chemical message sent to opposite sex while they are courting




Question 14

- ▶ What do birds have to help them keep warm during cold temperatures?




Answer

- ▶ Feathers




Question 15

- ▶ What is the difference between ectotherms and endotherms?




Answer

- ▶ Ectotherms- cold-blooded
 - ▶ Internal temperatures are controlled by external temperatures
- ▶ Endotherms- warm-blooded
 - ▶ Internal temperatures are regulated by the animals




Question 16

Name two examples of ectothermic animals?




Answer

- ▶ Reptiles, amphibians, fish




Question 17

- ▶ What does it mean to be in the Phylum Chordata



Answer

- ▶ Have a vertebrate



Question 18


- ▶ You move to a house that is close to a busy highway. You can't sleep for a few days because of all the noise of the cars. After a month, you can sleep through the night without being bothered by the car noises.
 - ▶ What type of learned behavior is this an example of?

Answer

- ▶ Habituation

Question 19

- ▶ This peacock is showing off his feather to females to let them know what?




Answer

- ▶ That he is a healthy male


Question 20

- ▶ What is an example of a non-vertebrate Chordate?




Answer

- ▶ Tunicate, Lamprey, hagfish, lancelets




Question 21

- ▶ How many chambers does a mammals heart have?




Answer

- ▶ 4




Question 22

- ▶ Fill in the blanks
- ▶ Non-vertebrate chordates have a simple nervous system with a mass of _____ that form a brain.




Answer

- ▶ Nerve cells




Question 23

- ▶ What two systems support a vertebrate's body & make it possible to control movement?




Answer

- ▶ Skeletal and Muscular




Question 24

- ▶ What is the definition of adaptation?




Answer

- ▶ The ability to evolve to the changes in environmental conditions.




Question 25

- ▶ Unlike plant cells, animal cells lack a ____ ____?




Answer

- ▶ Cell wall




Question 26

- ▶ The two trends that chordate animals use to fertilize their offspring are _____ and _____ fertilization.




Answer

- ▶ Internal and external




Question 27

- ▶ Aquatic chordates use _____ to breath, while land vertebrates use _____.




Answer

- ▶ Gills, Lungs




Question 28

The way an organism reacts to changes in its internal condition or external environment is called _____.




Answer

- ▶ Behavior




Question

- ▶ What is the definition of similitude?




Answer

- ▶ Any kind of signal that carries info & can be detected




Question

- ▶ When an animal is born knowing everything it ever needs to know. It has never been shown how to do anything. What kind of behavior is it?




Answer

- ▶ Innate Behavior




Question

- ▶ Why is it important that animals respond to both internal and external stimuli?



Answer

- ▶ To adapt



Question

- ▶ What is an example of an external stimulus?

Answer

- ▶ Sound
- ▶ Sight
- ▶ Light
- ▶ temperature

Question

What kind of conditioning is this an example of?

1 Before Conditioning
When a dog sees or smells food, it produces saliva. Food is the stimulus and the dog's response is salivation. Dogs do not usually salivate in response to nonfood stimuli.

2 During Conditioning
By ringing a bell every time he fed the dog, Pavlov trained the dog to associate the sight and smell of food with the ringing bell.


3 After Conditioning
When Pavlov rang a bell in the absence of food, the dog still salivated. The dog was conditioned to salivate in response to a stimulus that it did

Answer

- ▶ Classical


Question

- ▶ The periodic movement from 1 place to another & then back again is called _____.




Answer

- ▶ Migration




Question

- ▶ Circadian rhythms is a type of behavioral cycle. Explain it.




Answer

- ▶ behavioral cycles that occur in daily patterns




Question

- ▶ What is the main reason animals live in social groups? Example: chimpanzee are always found in large population




Answer

- ▶ To ensure they reproduce and pass on their gene




Question

- ▶ Courtship - when an individual sends out stimuli in order to attract a member of the opposite sex. What are the three types of stimuli animals use to court each other?




Answer

- ▶ sounds, visual displays, or chemicals



Question

- ▶ What is the most complicated form of communication?



Answer

▶ Language

