Herpetology B Test

Name(s): 

Team Name: 

School Name: 

Team Number: 

Rank: 

Score: 

Northern Regional: January 19th, 2019
UF Regionals Herpetology B Test

2 minutes per slide
Station 1

1. What is this organism’s genus?

2. What are their teeth specialized for?

3. Name two predators of this snake.

4. True or False- These snakes are diurnal.

5. Name two ways these snakes defend themselves.
1. What is the genus of this organism?
2. How long is female gestation?
3. What do these organisms do when they are extremely agitated?
4. How long are these organisms capable of remaining under water?
5. What is the average clutch size?
Station 3

1. What is the family of this organism?
2. True or False- These salamanders have external gills.
3. What allows these salamanders to open their mouths so wide?
4. Where do these organisms mate?
5. How many eggs are in one clutch?
6. Are the eggs single, double, or triple stranded when laid?
Station 4

1. What family does this organism belong to?
2. How many vertical grooves are present?
3. Are eggs fertilized internally or externally?
4. What is the size range of this organism (in cm only)?
5. What time of day and in what weather do these organisms usually forage for food?
Station 5

1. What is the genus of this organism?
2. How many species of this organism are there?
3. What is the etymology of the scientific name of the genus of this organism?
4. What type of venom do these organisms produce?
5. What protein is present in these snake’s venom that is currently being used in cancer treatment?
Station 6

1. What family of organisms does this body part belong to?
2. What is the name of this body part and what is it used for?
3. True or false- These organisms have no breeding season.
4. Are these organisms primarily nocturnal or diurnal?
5. What is their average clutch size range?
Station 7

1. What is the common name of this organism?
2. Are males or females larger?
3. What type of venom do these organisms produce?
4. Where in the body of the female are the young incubated?
5. What organism have these snakes adapted to eat and what is the name of the toxin they have developed a resistance to?
Station 8

1. What is the genus of this salamander?
2. What are they also known as other than their common name?
3. True or false- They do not have an aquatic larval stage.
4. What does this organism do when threatened?
5. What is their biogeographic range?
Station 9

1. What is the family of this organism?
2. What is the etymology of this organism’s genus name?
3. When does breeding take place?
4. What is a satellite male and their goal?
5. What is their hunting style?
Station 10

1. What is the family of this organism?

2. What is their common name and why are they called this?

3. What is kleptogenesis?

4. What does kleptogenesis result in within populations of this organism?

5. What disease do these organisms often acquire?
Station 11

1. What is the family of this organism?
2. Do these organisms hibernate?
3. What are the scales that cover their bodies called?
4. What temperature will yield male alligators?
5. How far back can this family be traced (in terms of time period)?
1. What is the family and genus of this organism?
2. Which species is included on the Invasive species specialist groups 100 worst invasives list?
3. Name 3 states this genus can be found in
4. What is their average lifespan?
5. Are males or females smaller?
Station 13

1. Name the genus of this organism?
2. What is unique about this organism's diurnal behavior?
3. What is the maximum elevation they can live at?
4. What is unique about their ears?
5. What is the origin of their name?
Station 14

1. What is the scientific name of this family?
2. How many species are critically endangered?
3. Where does courtship usually occur?
4. What is the lifespan of this organism?
5. What is the difference between their front limbs and back limbs?
Station 15

1. What is the scientific name of this family?
2. What kind of toxin do they produce?
3. Which disease is their saliva a potential treatment for?
4. What are the predators of this organism?
5. What is the name of the single genus in this family?
Station 16

1. What is the name of this genus?
2. How many days can this turtle spend out to water?
3. What is the biggest threat to this species?
4. What times of the year may the hatchlings emerge from the nest?
5. What is the biogeography of this turtle?
Station 17

1. What is the name of this genus?
2. What genus of turtle on the list is most similar to this one?
3. What is the diet of young turtles of this genus?
4. How many times larger are females than males?
5. What is a nickname for this genus?
Station 18

1. What is the scientific name of this family?
2. What percentage of gecko species have toe pads?
3. What is the main predator of this family?
4. What is autotomy?
5. What do their vocalizations sound like?
Station 19

1. What is the scientific name of this genus?
2. When do these turtles usually emerge from hibernation?
3. What is the difference in diets of adults and juveniles?
4. Name the four states this turtle is the state reptile of.
5. What is the clutch size of these turtles?
1. What is the scientific name of this genus?
2. What do both males and females exhibit during mating season?
3. How many times a year do these lizards breed?
4. What is the purpose of the femoral pores on these lizards?
5. True or false: this genus is polygynous.