Use the two images below to answer question 1-4

1. Identify the genus of the image on the left (2 points)
2. Identify the genus of the image on the right (2 points)
3. What correlation do these two animals have? (3 points)
4. What is cranial kinesis? (3 points)

Use the two images below to answer questions 5-8

5. Identify the family, genus, and common name of this animal (2 points)
6. What is the range gestation period of this animal? (2 points)
7. What is diapause? (3 points)
8. In what phase of embryonic development does diapause occur in this animal? (2 points)
Use the image below to answer questions 9-13

9. Identify the genus and common name of the animal in the image above (2 points)
10. What distinguishing adaptation does this animal have? (2 points)
11. What is the purpose of this adaptation? (2 points)
12. List 4 adaptations this animal has and their purpose. **Must be different than the adaptation used in question 10** (5 points)
13. What is the diet of this animal? (2 points)

Identify the parts of the diagram for questions #15-19 (1 point each)

14. Is the image below a carapace or plastron? (1 point)
Identify the parts of the diagram for #20-28 (1 point each)

Fig. 384. Dorsal View of Frog
This is a preserved specimen, showing head, trunk, limbs, and some of their parts

Use the image below to answer questions 29-32

29. What is the family of this organism? (2 points)
30. What is the main diet of this family? (2 points)
31. Which of the following prey on this animal? Select all that apply (1 point)
   a. Egrets
   b. Crocodiles
   c. Gila Monster
   d. Snakes
   e. Birds

32. What is the typical coloration of this animal? (2 points)

33. What is the frog popsicle? (3 points)

Use the image below to answer questions 34-38

34. Identify the family and common name of the organism in the image above (2 points)
35. When will this organism drop its tail? (2 points)
36. How does this organism drop its tail? (3 points)
37. What is this process of dropping the tail called? (2 points)
38. What do they get their common name from? (2 points)

Use the image below to answer questions 39-45

39. Identify the family and genus of the organism pictured above (2 points)
40. What are the grooves along the side of this animal called? (2 points)
41. Typically, how many grooves are there on the organism? (2 points)
42. True or False: These animals have prehensile tails (1 point)
43. What season does this animal usually breed? (2 points)
44. What months do these animals hibernate? (2 points)
45. What does this animal do during the warmer months of the year? (2 points)
46. What are the names of the two loops which the circulatory system consists of in all amphibians and reptiles? (2 points)
47. Name the two main ways which adult amphibians respire (2 points)
48. Define stenothermal (3 points)
49. Define lecithotrophy (3 points)
50. What is it called when one female gets exclusive mating rights to several males? (2 points)
51. Unisexuality is when a(n) (1 point)
   A. Organism can change from male to female and female to male
   B. Organism has both male and female reproductive organs
   C. Species is all-male or all-female
   D. Organism can reproduce with both males and females
52. What is the carapace and plastron of a turtle made of? (1 point)
   A. Keratin
   B. Muscle
   C. Cartilage
   D. Bone
53. The first group to possess amniotic eggs were (1 point)
   A. Amphibia
   B. Reptilia
   C. Chordata
   D. Aves
54. Which of the following is a true statement? (1 point)
   A. Reptiles have an otic notch
   B. All reptile teeth have the same general shape
   C. Reptiles have several bones in the jaw, all of which bear teeth
   D. Reptiles can only regrow teeth 5 times
55. Salamander regenerate limbs within a few… (1 point)
   A. Weeks
   B. Months
   C. Days
   D. Minutes
56. Salamanders and Frogs can have tongues up to ____ times the size of their body (1 point)
   A. 2
   B. 10
   C. 5
   D. 15
57. Some frogs can jump over ___ times their body length (1 point)
   A. 10
   B. 15
   C. 20
   D. 25
Herpetology Test
*Using 2018 National List

58. How often do MOST frogs moult? (1 point)
   A. Once a week
   B. Once a day
   C. Once a month
   D. Once a year

59. Which body part helps frogs swallow their food? (1 point)
   A. Ears
   B. Tympanum
   C. Lungs
   D. Eyeballs

Answer true or false for each statement below (1 point each)

60. A turtle can shed its scutes
61. The turtle's shell grows with the turtle
62. Snakes can also be called legless lizards
63. There is a species of salamander that can reach up to 5 feet in length
64. There is a species of salamander that can reach up to 10 feet in length
65. Frogs don't need to drink water
66. Some frogs can survive without lungs
67. Frogs don't have teeth
68. Geckos have eyelids
69. All reptiles are omnivores

70. When was the IUCN red list founded? (1 point)
   A. 1956
   B. 1959
   C. 1964
   D. 1968

71. What does motile mean? (1 point)
   A. Having the capacity to move from one place to another
   B. Fixed in one place
   C. Moving using only trees
   D. Moving through water

Match the organization/act to the year it was placed in effect (1 point each)

72. Species at Risk Act (SARA)    a. 1975
74. Canada Wildlife Act  c. 1871
d. 1975
75. U.S. Fish and Wildlife Service (USFWS or FWS)  e. 1973
76. Identify the family of the animal in the image on the left (2 points)
77. Identify the family of the animal in the image on the right (2 points)
78. What is the habitat of choice of the image on the left? (2 points)
79. What type of skull do both of these animals have? (anapsid, synapsid, or diapsid) (1 point)

80. Identify the genus and common name of the animal above (2 points)
81. Where does the mating for this animal take place? (2 points)
82. Approximately how many weeks does it take the eggs of this animal to hatch? (2 points)
83. How many years does it take for this animal to reach sexual maturity? (2 points)
84. True or False: A small number of this animal has been found in British Columbia. (1 point)
Use the images below to answer questions 85-89

85. Identify the genus and common name of the animal above (2 points)
86. During which months do these animals hibernate? (3 points)
87. What is the diet of this animal? (2 points)
88. What does the name of this animal imply? (2 points)
89. True or False: Juveniles of this animal are colored the same as adults (1 point)

Use the image below to answer question 90-95

90. Identify the family and common name of the animal above (2 points)
91. This animal is native to every continents except which two? (2 points)
92. What is the name of the organ which allows males of this animal to have an active ovary? (3 points)
93. This animal has glands which contain an alkaloid poison. What is the name of these glands, and when does this animal excrete the poison? (3 points)
94. MOST of these animals live where? (2 points)
95. What does this animal posses which makes it difficult for them to jump well? (2 points)