

Herpetology C Test Answer Sheet: NCS Invitational 2018 Season

Team Name _____ Team # _____

Student Names _____

Raw Score: _____/80 pts Rank: _____

THIS IS THE ONLY SHEET THAT WILL BE GRADED! ALL ANSWERS MUST BE ON THIS PAGE!

1. F: _____

G: _____

2.

3.

4. F: _____

G: _____

5.

6.

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11.

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28.

29.
30. F: _____
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31.
32.
33. F: _____
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34.
35. F: _____
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F: _____
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You will have 3 minutes to spend at each station. Use the images or specimens present at each station to identify the species and answer the questions about each. If time permits, you will have time to return to these stations briefly.

SPECIES 1:

1. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
2. This species exhibits a very unique defense mechanism when threatened by predators. Explain its defenses. (2 pts)
3. Like many reptiles, this species is known to bromate. Explain this term. (2 pts)

SPECIES 2:

4. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
5. Identify the conservation status of this species. Describe at least TWO factors that have caused this species to be labeled with this conservation status. (3 pts)
6. Identify the anatomical structure featured in image A. Describe how this structure can be used to identify gender in many members of this Order. (3 pts)

SPECIES 3:

7. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
8. Describe the origin of this species' common name. (2 pts)
9. Describe TWO unique reproductive characteristics exhibited in members of this Family. (4 pts)

SPECIES 4:

10. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
11. Explain how this species is unique among its Family members. (2 pts)
12. Describe the egg laying pattern of this species. (2 pts)

SPECIES 5:

13. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
14. Describe at least TWO morphological differences between the larval and adult forms of this species. (2 pts)
15. Describe how white-nose syndrome could have a potential negative impact on this species. (2 pts)

SPECIES 6:

16. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
17. Explain the importance of this species to evolutionary biologists. (3 pts)

SPECIES 7:

18. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
19. This species is considered predominantly fossorial. Explain this lifestyle. (2 pts)
20. Explain the dietary habits of this species. (2 pts)

SPECIES 8:

- 21. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
- 22. Explain the origin of this species' common name. (2 pts)
- 23. Describe how this species is an example of convergent evolution. (3 pts)

SPECIES 9:

- 24. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
- 25. Describe the habitats where this species can be found. (2 pts)
- 26. Describe the dietary needs of this species. (2 pts)

SPECIES 10:

- 27. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
- 28. What stage in this species' life cycle is pictured? Describe the other stages of this animal's life cycle. (3 pts)
- 29. Describe a defense this species possesses to ward off predators. (2 pts)

SPECIES 11:

- 30. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
- 31. Explain the aspect of this species' morphology is being exhibited in image B. (2 pts)
- 32. Explain how the local economy has impacted this species' habitat. (2 pts)

SPECIES 12:

- 33. Identify the FAMILY and GENUS (if required from the list) of this species. (2 pts)
- 34. Describe the conservation status of this species. How has human habitation impacted this animal? (3 pts)

Amphibian Calls!

- 35. Identify the FAMILY and GENUS (if required from the list) of BOTH species that can be heard in the sound file. (4 pts)

Team Name _____ Team # _____

Student Names _____

TIE-BREAKERS!!!!!!

Only complete these if you are done with the rest of the test! **You may answer directly on this page.**
Identify the FAMILY and GENUS (if required) of each species pictured below:



Family: _____

Genus: _____



F: _____

G: _____



F: _____

G: _____



F: _____

G: _____



F: _____

G: _____



F: _____

G: _____