



KERALA AGRICULTURAL UNIVERSITY
B.Sc.(Hons).Forestry 2016 Admission
IV Semester Final Examination-July 2018

Wild.2203

Herpetology (1+1)

Marks: 50
Time:2 hours

- 1 Fill up the blanks (10x1=10)**
- 1 Bufotoxin is a secretion of Salivary gland seen in the family Bufonidae, which is an alkaloid poison
 - 2 The common name for the frogs which belonging to the family Dicroglossidae is
 - 3 Common Krait is more active during thetime, occasionally biting the source of annoyance.
 - 4 Most of vipers toxin are.....
 - 5 The top part of the shell in a Tortoise is called as

Match the following.

- | | |
|---|-------------------------|
| 6 Bungarus caeruleus | a. Indian House Geckos |
| 7 Ophiophagus Hannah | b. Indian Star Tortoise |
| 8 Geochelone elegans | c. Night Frogs |
| 9 Hemidactylus frenatus | d. Common Krait |
| 10 <u>Nyctibatrachus karnatakaensis</u> | e. King Cobra |

II Write short notes/answers etc on ANY FIVE (5x2=10)

- 1 Hibernation
- 2 Ecdysis
- 3 POTZ
- 4 Ectotherms
- 5 Jacobson organs
- 6 Plastron
- 7 Ovoviviparity

III Answer any FIVE of the following. (5x4=20)

- 1 Describe the role of temperature in determination of sex in reptiles?
- 2 Describe the ecophysiological adaptations in reptiles?
- 3 What are the factors affecting distribution and abundance of herpatofauna in India?
- 4 List out the Threatened amphibians of Western Ghats Regions?

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- 5 Briefly explain about Monitor Lizards?
- 6 Describe the characteristics features of the family Bufonidae?
- 7 Metamorphosis in amphibians

IV Write an essay on any ONE of the following

(1x10=10)

- 1 What are the various methods of herpatofaunal ecological studies?
- 2 Give a detailed description on the four common poisonous snakes of India?
