



**Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University) Coimbatore-641 043**

Bachelor's Degree Examination April/May- 2019

Semester II

**Class : I UG
Major : Zoology**

**Time:3 Hrs
Max.Marks :100**

18BZOC05 - CHORDATA II

Part-A

10×1=10

Circle the correct answer

1. Turtles belong to the order.
a. Cotylosauria b. Chelonia c. Squamata d. Lacertilia
2. Which among the following is non-poisonous snake.
a. Crotalus b. Natrrix c. Viper d. Bungarus
3. Aves are
a. Ammonotelic b. Ureotelic c. Uricotelic d. Guanotelic
4. Quil feathers of wings are called.
a. Remiges b. Rectrices c. Coverts d. Contours
5. Synsacrum is formed by the fusion of _____ bones.
a. 10 b. 12 c. 14 d. 16
6. Pouched beaks are present in.
a. Robin b. Pelicon c. Sparrow d. Crow
7. Pick out the modified sebaceous gland from the following
a. Mammary gland b. Perineal gland c. Meibomian gland d. All
8. Diastema is formed due to the absence of
a. Incissor b Canine c. Premolar d. Molar
9. In aquatic mammals forelimbs are modified into
a. Fins b. Flippers c. Wings d. Hands
10. Amphibians theory of origin of mammals was proposed by
a. J.H.Huxley b. Brower c. C.A. Clarke d. P.M.Shappard

Part-B

5×6=30

Answer the following

Answer should not exceed 200 words or one page

11. a. Describe the arterial system of calotes.

(Or)

11. b. Give an account on the poison apparatus and biting mechanism of snakes.

12. a. Explain the flight muscles of pigeon.

(Or)

12. b. With neat labelled sketch explain the eye of pigeon.

13. a. Emphasize the different types of beaks of birds.

(Or)

13. b. Narrate the economic importance of birds.

14. a. Elucidate the digestive system of Rabbit.

(Or)

14. b. Illustrate the v.s of skin of Rabbit.

15. a. Trace the origin of mammals.

(Or)

15. b. Enlist the adaptations of aquatic mammals.

Part-C (5×12=60)
Answer the following
Answer should not exceed 700 words

16. a. Write an account on general characters and classification of Reptiles.

(Or)

16. b. How will you identify poisonous snakes from non-poisonous?

17. a. Describe the brain of pigeon with diagram.

(Or)

17. b. What are the portal systems? Explain the portal system of pigeon.

18. a. "Archeopteryx is connecting link between Reptiles and mammals"-Justify.

(Or)

18. b. Discuss the flight adaptations of birds.

19. a. Elucidate the structure of a typical tooth of Rabbit. Add a note on the different types of teeth.

(Or)

19. b. Describe the reproductive system of Rabbit.

20. a. Write an essay on adaptive radiation in mammals.

(Or)

20. b. Give a detailed account on flying mammals.
