

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

**Master's Degree Examination-November 2018  
III Semester**

**Class: II PG  
Major: Zoology**

**Time: 3 Hrs  
Max.Marks:60**

**17MZOC19-ECONOMIC ZOOLOGY (Self study)**

**Part-A**

**(10×1/2=5)**

**Choose the correct answer**

1. Rock bee is.  
(a) Apis dorsata (b) Apis flora (c) Apis indica (d) Apis mellifera
2. Ascariasis is.  
(a) Bacterial disease (b) fungal disease (c) Mite disease (d) Viral disease
3. Larval period of silkworm lasts for  
(a) 10-15 days (b) 15-20 days (c) 20-25 days (d) 25-30 days
4. Fungal disease of silkworm is.  
(a) Flacherie (b) Septicemia (c) Grasserie (d) Muscardine
5. The other name of stocking pond is.  
(a) Breeding pond (b)nursery pond (c) Rearing pond (d) Culture pond
6. Endocrine used in hypophysation technique is.  
(a) Pituitary (b) Thyroid (c) Adrenal (d) Pancreas
7. Last segment of earthworm is.  
(a) Prostomium (b) Peristomium (c) Pygidium` (d) Clitellum
8. Vermicompost increase.  
(b) Soil fertility (b) Soil porosity (c) Soil aeration (d) All
9. Plymouth breed is popular breed in.  
(b) America (b) England (c) India (d) Australia
10. Debeaking is done.  
(b) Temperature (b)PH (c) Substrate concentration (d) All

**Part-B**

**(5×4=20)**

**Answer the following**

**Answer should not exceed 200 words or one page**

11. a. Describe the polymorphism that exist in honey bees.

(Or)

b. Explain any two kinds of natural hives.

12. a. Write an account on life history of silkworm.

(Or)

b. Comment on the fungal disease of silkworm.

13. a. How will you construct a fish pond?

(Or)

b. Write a brief account on polyculture.

14. a. Give an account on Vermicompost.

(Or)

b. What is vermiwash? State its advantages.

15. a. Comment on feed formulations of poultry.

(Or)

b. Examine the different types of vaccines.

**Part-C**

**(5×7=35)**

**Answer the following**

**Answer should not exceed 600 words or 3 pages**

16. a. Write an essay on the life history of honey bees.

(Or)

b. Describe the enemies and diseases of honey bees.

17. a. Elucidate the rearing of silkworm.

(Or)

b. Explain the bacterial diseases of silkworm.

18. a. Examine any five cultivable species of fishes in India.

(Or)

b. Write a detailed account on sewage fed fish culture.

19. a. Analyze the cultivable species of earthworm

(Or)

b. Describe the different vermicomposting methods.

20. a. Discuss the structure of deep litter system with diagram.

(Or)

b. Write a detailed account on the management of growers and layers.