

U.G. 3rd Semester Examination - 2019

ZOOLOGY**[PROGRAMME]**

Skill Enhancement Course (SEC)

Course Code : ZOOL(G)/SEC-01-T

SET - II

Full Marks : 40

Time : 2 Hours

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***(Aquarium Fish Keeping)**

1. Answer the following questions (any five):

2×5=10

- a) What is an aquarium fish?
- b) Write two exotic species of aquarium fishes.
- c) State the food that is given for aquarium fishes.
- d) What is the scientific name of Sword tail?
- e) What is the optimum temperature range of aquarium fishes?
- f) What is sexual dimorphism?
- g) Why aquarium fishes are so important?
- h) State the composition of live fish feeds.

[Turn over]

2. Answer the following questions (any two):

$$5 \times 2 = 10$$

a) How temperature of aquarium water is maintained? What are the differences between guppy and molly?

$$2 + 3 = 5$$

b) What are the disadvantages of formulated fish feed? Write the scientific name of Butterfly fish.

$$4 + 1 = 5$$

c) Write down sexual dimorphism of gold fish. What is the scientific name of anemone fish?

$$4 + 1 = 5$$

d) What are live fish food organisms? What is probiotics?

$$3 + 2 = 5$$

3. Answer the following questions (any two):

$$10 \times 2 = 20$$

a) Write down common characters and sexual dimorphism of molly. What is marine water aquarium?

$$8 + 2 = 10$$

b) Write down common characters and sexual dimorphism of anemone fish? What do you mean by nitrogenous waste in aquarium?

$$8 + 2 = 10$$

c) Briefly describe preparation of formulated fish feeds? What are the special characteristics of guppy? $7+3=10$

d) Write down common characters and sexual dimorphism of butterfly fish? What are the problems of transportation of live fish? $8+2=10$