

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Explain materials required for construction of fish tank.
Or
(b) Explain the construction of home aquarium.
17. (a) Describe various types of fish nets and their uses.
Or
(b) Discuss the principles of feed formulations.
18. (a) Explain the taxonomy and biology of gold fishes.
Or
(b) Explain the taxonomy and biology of Gouramii.
19. (a) Write any five community fishes.
Or
(b) Describe the bacterial disease of ornamental fishes.
20. (a) Describe different types of grafting and multiplication of aquarium plants.
Or
(b) Describe the salient feature of ornamental star fish.

Reg. No. :

**Code No. : 11583 E Sub. Code : JSZO 3 A/
SSZO 3 A**

**B.Sc. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2018.**

Third Semester

Zoology – Main

Skill Based Subject — HOME AQUARIUM

(For those who joined in July 2016 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer:

1. The equipment used to clean the aquarium water
(a) Heater (b) Aerator
(c) Filter (d) Air pump
2. Low oxygen level in the aquarium tank water is
(a) Anoxia (b) Carboxia
(c) Apoxia (d) All
3. Which of the following is herbivorous fish?
(a) Cat fish (b) Silver dollar
(c) Gold fish (d) Angel fish



4. Omnivorous fishes are
 - (a) Gold fishes (b) Angle fishes
 - (c) Archer fishes (d) Both (a) and (b)
5. The process of egg laying is known as
 - (a) spawning (b) breeding
 - (c) reproduction (d) hatching
6. The green sword tail belongs to
 - (a) Crpridae (b) Scaridae
 - (c) Poecilidae (d) Osphronemidae
7. Velvet disease is caused by
 - (a) Virus (b) Bacteria
 - (c) Fungus (d) Protozoa
8. The water most suited for aquarium fishes
 - (a) Rain water (b) Well water
 - (c) Drinking water (d) Salt water
9. The glass fish Ambassis Lada is found in
 - (a) Fresh water (b) Sea water
 - (c) Brackish water (d) Sewage
10. Water milfoil is
 - (a) Hydrilla (b) Myriophyllum
 - (c) Ceratophyllum (d) Pistia

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PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Explain Aerator.
 Or
 (b) Explain hand net.
12. (a) Describe the preparation of dry feed.
 Or
 (b) Explain the uses of thermometer in aquarium.
13. (a) Explain the good qualities of ornamental fish feed.
 Or
 (b) Give an account of lighting in home aquarium.
14. (a) Explain the culture of chironomous larva.
 Or
 (b) Describe the secondary sexual characters of angle fish.
15. (a) Describe the preventive measures of fungal disease of aquarium fishes.
 Or
 (b) Explain the taxonomy and biology of parrot fish.

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