

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2022
(Sixth Semester)

Branch – ZOOLOGY

DISCIPLINE SPECIFIC ELECTIVE – II : ORNAMENTAL FISH BREEDING

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 x 1 = 10)

1. Masking tape is used for _____
(i) covering middle of fish tank (ii) cover the edges of the aquarium.
(iii) covering bottom of fish tank (iv) covering the top of the tank.
2. What is Gro-lux?
(i) increase fish growth (ii) increase plant growth
(iii) water quality maintain (iv) All of these above
3. What is the normal level Nitrite?
(i) 0-0.2mg/L (ii) 0.03mg/L
(iii) 0.045mg/L (iv) 0.62mg/L
4. Mention the chlorine level of Aquarium.
(i) 1mg/L (ii) 2 mg/L
(iii) 0 mg/L (iv) 4 mg/L
5. Wild variety of Barbs found in _____ State.
(i) Assam (ii) Bihar
(iii) Kerala (iv) Punjab
6. Gourami species belongs _____ order.
(i) Nabantiformes (ii) Anosauriformies
(iii) Gruviiformies (iv) Brochoformis.
7. Infusoria belongs to _____ Phylum.
(i) Porifera (ii) Protozoa
(iii) Mollusca (iv) Echinodermata.
8. Artemia is coming under _____ Order
(i) Anostraca (ii) Coleoptera
(iii) Anomopoda (iv) Haplotaxida
9. Angel fish originated from _____ Country.
(i) India (ii) Cyclon
(iii) South Africa (iv) South America.
10. Catfish coming under _____ family.
(i) Cichlids (ii) Anomopoda
(iii) Percipoda (iv) Haplotaxida

SECTION - B (35 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 7 = 35)

- 11 a Write a short note on various filters used in aquarium.
OR
b Mention about the economics of ornamental fish culture.

Cont...

- 12 a Write an account on any two ornamental plants.
OR
b How will you determine the dissolved oxygen level in aquarium tank?
- 13 a Write a short note on salient features of fighter fish.
OR
b What are the characteristic feature of tetras?
- 14 a Write a short note on culture of Daphnia.
OR
b How to cultivate the chironomous larva in large scale?
- 15 a Give an account on breeding method of goldfish.
OR
b What are the steps involved breeding of Angelfish?

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Give a detailed account on construction of fish tank using glassware.
- 17 Write an essay on water quality management of aquarium.
- 18 Write a detailed account on brood stock management of ornamental fishes.
- 19 Give a detailed account on Artificial feed formulation of ornamental fishes.
- 20 Write about fish package and transportation of ornamental fishes.

Z-Z-Z

END