

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086
(For Candidates admitted during the academic year 2005-06 & thereafter)

SUBJECT CODE: ZL/AO/AQ33

B.Sc. DEGREE EXAMINATION NOVEMBER 2007

THIRD SEMESTER

COURSE : ALLIED OPTIONAL

PAPER : AQUACULTURE

TIME : 3 HOURS

MAX. MARKS: 100

SECTION – A

ANSWER ALL QUESTIONS

(10 x 3 = 30)

1. Mention the Zoological names of the following
 - a) Common carp
 - b) Tiger shrimp,
 - c) Mackerel
2. Fill in the blanks
 - a) Study which deals with the rearing of fishes is called _____
 - b) Extensive culture is _____
 - c) _____ is the pearl oyster
3. Match the following
 - a) Aquarium fish - Goby
 - b) Live feed - *Carassius auratus*
 - c) Smallest marine fish - Artemia
 - d) Ectoparasite - *Lates calcarifer*
 - e) Chondrichthyes - Cartilaginous fish
 - f) Seabass - Argulus
4. Choose the correct answer:
 - a) One of the following is true fish
 1. Silver fish
 2. Cuttle fish
 3. Dog fish
 4. Jelly fish
 - b) In India the best aquarium is located at
 1. Tarapur, Mumbai
 2. Marina, Chennai
 3. Vishakhapatnam
 4. ZSI, Kolkata
 - c) Which one of the fishes, is used for the control of mosquitoes?
 1. Fishtularia
 2. Gambusia
 3. Remora
 4. Pterois
5. State whether true or false
 - a) Sea horse is a fish
 - b) Sex reversal is not possible in fishes
 - c) Smoking is a fish preservation method
6. Differentiate giving one point of difference
 - a) Monoculture & Monosex culture
 - b) Pelagic and benthic
 - c) Prawn and shrimp
7. Briefly explain Branchiomycosis.
8. Write short note on *Catla*
9. Briefly mention viral diseases of fishes
10. What is the importance of biological filters in aquarium tank?

SECTION – B

ANSWER ANY FIVE QUESTIONS

(5 x 6 = 30)

11. Explain poly culture.
12. Give an account on fish seed resources and their collection.
13. Explain why live feed is preferred over pellet feed?
14. Give an account on freshwater ornamental fishes.
15. Write a note on mussel culture.
16. Write notes on abiotic factors of aquatic system.
17. Write an account on fish marketing.

SECTION – C

ANSWER ANY TWO QUESTIONS

(2 x 20 = 40)

18. Give a detailed account on pearl production technology
19. Give a detail account on Integrated Fish farming.
20. Write an account on Arthropod, Helminthes and Protozoan parasites of fishes.
21. What is “induced breeding”? Discuss the method in detail.
