

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 2008
THIRD SEMESTER

COURSE : ALLIED OPTIONAL
PAPER : AQUACULTURE
TIME : 3 HOURS

MAX. MARKS: 100

SECTION – A

ANSWER ALL QUESTIONS

(10 x 3 = 30)

1. Write the Zoological name of
 - a) Rohu
 - b) milk fish
 - c) snake head
2. Explain the following
 - a) brood pond
 - b) monosex culture
 - c) oil cake
3. **Match the following**
 - a) Botulism - West Bengal
 - b) Sewge fed fish - pelagic fish
 - c) purse seine - *Scylla serrata*
 - d) crab fishery - fresh water
 - f) Argulus - food poison
 - e) Labeo rohito - parasite
4. **Choose the correct answer**
 - a) Which one of the following is a fungal disease
 - i) Branchio mycosis ii) Tail Rot iii) EUS iv) PEN
 - b) Which one of the following is considered fastest growing carp
 - i) Rohu ii) Mrigal iii) Grass carp iv) Catla
 - c) Mono sex culture is adapted in the case of
 - i) Tilapia ii) Trouts iii) cat fish iv) carps
5. **State whether true or false**
 - a) Most of the fungus affects the fish
 - b) Hypophysation is used in fish breeding
 - c) *Cyprinus carpio* is not a carp
6. **Differentiate giving one point of difference**
 - a) Regular feed and supplementary feed
 - b) Crafts and Gears
 - c) Wet salting and dry salting

7. Comment on nursery pond.
8. How is pearl formed?
9. What is fish seed?
10. What is pig and fish farming?

SECTION – B

ANSWER ANY FIVE QUESTIONS

(5 x 6 = 30)

11. Write a short note on induced breeding in prawn.
12. What are algal blooms? How can we control it?
13. Discuss the culture of live feed and its importance in aquaculture.
14. Give an account of ornamental fishes and add a note on its economic importance.
15. Explain sewage fed fish culture.
16. Discuss the bacterial diseases in fish.
17. Give an account on fish preservation and processing techniques.

SECTION – C

ANSWER ANY TWO QUESTIONS

(2 x 20 = 40)

18. Write an essay on the construction and management of fish farm.
19. Discuss in detail the importance of integrated fish farming.
20. Explain in detail the method of edible oyster culture.
21. Write an essay on the culture of Indian major carps.
