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(FOR THE CANDIDATES ADMITTED SUB CODE

23UZY6E7

DURING THE ACADEMIC YEAR 2023 ONLY)

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY- 2026

B.Sc Zoology

MAXIMUM MARKS: 75

SEMESTER:VI

TIME : 3 HOURS

PART - III

23UZY6E7 –AQUACULTURE

SECTION – A (10 X 1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS. (K1)

1.Choose the type of scale present on *Labeo rohita*.

a.Cycloid b. Placoid c.Octinoid d.None of them

2. Select the live feed from the following.

a. Artemia b. Daphnia c. Tubifex d. All the above

3.Which is the oldest method of prawn culture?

a. Pokkoli culture b.Semi intensive culture c. Extensive culture d.None

4. Choose the sound detecting equipment in gill net.

a. Thermometer b. Sacchi disc c.Acoustic modem d. Echo sounder

5. Saprolegniasis is caused by_____

a. Fungi b. Bacteria c.Virus d.Metazoan

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6.Define Blue revolution.

7.Define polyculture.

8. Explain biofloc culture.

9. Explain the purse seine.

10. Define the gill rot disease.

SECTION – B

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K3)

11. a) Assess the scope of aquaculture in India.

(OR)

b).Describe the external structure of *Labeo rohita*.

(CONT...2)

Ethical paper

12. a) Examine the hypophysation.
(OR)
b) Describe an Integrated fish culture.
13. a) Point out the characteristics of *Cyprinus carpio*.
(OR)
b) Apply the seed collection method in Prawn culture.
14. a) Examine the uses of Travel net.
(OR)
b) Describe the structure and function of hook.
15. a) Demonstrate the methods used to control Argulosis.
(OR)
b) Interpret the characteristics of *Carassius auratus*.

SECTION – C**(5 X 8 = 40 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.****(K4 (Or) K5)**

16. a).Outline the economic importance of fish.
(OR)
b).Outline the nutrition value of fish.
17. a) Discuss the guidelines to be followed while preparing fish pond.
(OR)
b).Examine the steps involved in the preparation of artificial fish feed.
18. a).Discuss the steps involved in pearl culture.
(OR)
b).Summarise the salient features of *Oreochromis mossambicus*.
19. a).Examine the different methods of fish preservation.
(OR)
b).Outline the types of fishing boats.
20. a).Discuss the accessories required for setting an aquarium.
(OR)
b).Evaluate the causative agent and symptoms of Epizootic ulcerative syndrome.

Ethical paper