

**ZOOLOGY
SECOND SEMESTER
PISCICULTURE
SVS-207**



[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1hr. 30 mins.

Full Marks: 35

Time: 15 mins.

(Objective)

Marks: 10

Choose the correct answer from the following:

1×10=10

1. For better management and easy operation of pens:
 - a. Pens of 0.1 to 0.2 ha area is recommended
 - b. Less than 20 ha is recommended
 - c. Above 20 ha is recommended
 - d. Pens of 10 ha area is recommended
2. For pen culture we have to use lime with an initial dose of:
 - a. 200 -300 Kg/ha
 - b. 1000 Kg/ha
 - c. 900 Kg/ha
 - d. Less than 20 Kg
3. The normal doses of lime desired in composite fish culture ranges from:
 - a. 200 to 250 Kg/ha
 - b. 6000 to 7000 Kg/ha
 - c. 600 to 6000 Kg/ha
 - d. 777 to 888 Kg/ha
4. A fish is of good market value if it weighs:
 - a. 9 gm. and above
 - b. 70 gm. and above
 - c. 750 gm. and above
 - d. 11 gm.
5. A Pen is defined as a fixed enclosure in which:
 - a. The bottom is the bed of the water body
 - b. Bottom is closed
 - c. Top most of the pen is closed
 - d. None of the above
6. The mighty river Brahmaputra, draining the Eastern Himalayas along with 47 tributaries has a combined length of.....
 - a. 2000 km
 - b. 2500 km
 - c. 3000 miles
 - d. 4000 km
7. What the name lungfish suggests?
 - a. Digestion
 - b. Excretion
 - c. Surface
 - d. Respiration
8. Chondrichthyes means:
 - a. Bony
 - b. Hairy
 - c. Cartilage
 - d. All of the above

9. How many types of fins are present usually in a fish?
- a. 4
 - b. 5
 - c. 6
 - d. 7
10. Holocephali means:
- a. Big head
 - b. Big barbell
 - c. Small head
 - d. Small barbel

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(Descriptive)

Time : 1 hr. 15 mins.

Marks : 25

[Answer question no.1 & any two (2) from the rest]

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| 1. Discuss pen culture practices in NE India citing suitable examples. | 5 |
| 2. What is composite fish culture? Outline some of the objectives and principles of composite fish culture and highlight some important aspects of composite fish culture in India. | 1+2+7=10 |
| 3. Discuss briefly about what you know about the fisheries of the river Brahmaputra. | 10 |
| 4. Write down about the classification of fish. | 10 |
| 5. Write down about biofloc and aquaponics. | 5+5=10 |

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