

**ZOOLOGY
SECOND SEMESTER
PISCICULTURE
SVS-207**

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1hr. 30 mins.

Full Marks: 35

(Objective)

Time: 15 mins.

Marks: 10

Choose the correct answer from the following:

1 × 10 = 10

1. The plentiful rainfall in the Brahmaputra River basin causes heavy surface runoff to the tune ofduring peak monsoon.
 - a. 50,000 cusecs
 - b. 10,000 cusecs
 - c. 30,000 cusecs
 - d. 11,000 cusecs
2. The normal doses of lime desired in composite fish culture ranges from:
 - a. 200 to 250 Kg/ha
 - b. 6000 Kg/ha
 - c. 600 to 6000 Kg/ha
 - d. 777 to 888 Kg/ha
3. A fish is of good market value if it is:
 - a. 9 gm and above
 - b. 70 gm and above
 - c. 750 gm and above
 - d. 110gm
4. Rabbit meat hasfat content in comparison to broiler chicken and beef.
 - a. High
 - b. Low
 - c. Large
 - d. Excess
5. Mushroom cultivation requiresdegree of humidity and therefore its cultivation along with aquaculture tremendous scope.
 - a. High
 - b. Low
 - c. Average
 - d. All of the above
6. Agnathans are also known as:
 - a. Jawed fishes
 - b. Finned fishes
 - c. Jawless fishes
 - d. Sucker fishes
7. The highest width of a fish body is known as:
 - a. Lateral line
 - b. Lateral transverse
 - c. Standard length
 - d. Sucker fishes
8. During rainfall, what is the maximum amount of turbidity of Ganga River?
 - a. 2000 ppm
 - b. 3000ppm
 - c. 4000ppm
 - d. 5000ppm
9. Larger interaction of carbon dioxide with water results in the formation of.....
 - a. Sulphuric acid
 - b. Nitric acid
 - c. Carbonic acid
 - d. None of the above

10. What is the percentage of fishes found in the category of Chondrichthyes?
- a. 40-50%
 - b. 25-30%
 - c. 15-20%
 - d. 5-10%

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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 in detail the important physical properties of water for fish survival. | 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. | 10 |
| 3. What is aquaponics? Why it is considered sustainable? What are the components required for this system? | 2+4+4=10 |
| 4. What is integrated fish farming? Discuss briefly about some of the Integrated fish farming in India. | 2+8=10 |
| 5. Highlight with suitable examples the Coldwater fisheries of India. | 10 |
- Or
- Discuss briefly about fisheries of the river Brahmaputra.

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