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SUBJECT CODE NO: - Y-2097
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (PATTERN-2013) (T.Y SEM V)
Examination April / May - 2024

Fishery Science Paper-XVI Modern Trends in Fishery Science

[Time: 1:30 Hours]

[Max. Marks: 50]

Please check whether you have got the right question paper.

N. B

- 1) Attempt All Questions
- 2) Draw diagram wherever necessary.



Q.1 Describe in detail Chromosomes and genes. 20

OR

Give a detailed account of Hybridization in Indian carps. 20

Q.2 Write an essay on Monosex culture 20

OR

Write short notes on Any Four of the following 20

- a) Sterite fish
- b) Karyotyping
- c) Important hybrids.
- d) Polyploidy
- e) Androgenesis

Q.3 Multiple Choice Questions. 10

- 1) Hormone treated sex-reversed moles are not fit for _____
 - a) Use in fish culture
 - b) Human consumption
 - c) By-product preparations
 - d) None of the above

- 2) A transgenic fish is one which carries one more genes from _____
 - a) Maternal
 - b) Paternal
 - c) Foreign
 - d) Individual

- 3) Broiler fish grows faster than the normal fish because they have _____
 - a) 4N chromosome
 - b) 3N chromosome
 - c) 2N chromosome
 - d) 1N chromosome

- 4) In USA, increase in growth in case of Channel fish was 33% in _____ generation
- a) One
b) Two
c) Three
d) Four
- 5) Catla-Rohu hybrid can be replaced in composite fish culture by _____
- a) Catla
b) Rohu
c) Both
d) None of the above
- 6) India has clearly assess their _____ resources of fish for sustainable utilization of biodiversity.
- a) Germ.gene
b) Germ plasma
c) Gene
d) None of the above
- 7) Biodiversity is immense important in regards to _____ Fish production.
- a)Local
b) Rural
c) Natural
d) Global.
- 8) Cryopreservation technique is used for long term preservation of _____ fish.
- a) Female gametes
b) Male gametes
c) Zygote
d) None of the above
- 9) Time interals of _____ seconds yield high fertility.
- a) 30 Sec.
b) 40 Sec.
c) 50 Sec.
d) 60Sec.
- 10) A _____ is the genetic material of an organism.
- a) Gene
b) Genome
c) Plasma
d) Blood