



বিদ্যাসাগর বিশ্ববিদ্যালয়

**VIDYASAGAR UNIVERSITY**

**2nd Semester Examination 2022**

**B.F.Sc.**

**PAPER—BFSC-204**

**AQUACULTURE IN RESERVOIRS**

*Full Marks : 50*

*Time : 2 Hours*

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

1. Answer any ten questions.

10×2

(a) What is reservoir?

(b) Name two important reservoirs of India.

(c) What are the differences between reservoirs and lakes?

(d) Write the importance of reservoirs.

- (e) What are the selection criteria of candidate species in culture of reservoir ?
- (f) Write down advantages of cage culture in large reservoir.
- (g) State the types of materials used in cage culture.
- (h) Mention the thermal stratification of a large reservoir.
- (i) Differences between small reservoir and pond.
- (j) Why pen culture is adopted in reservoirs ?
- (k) Name two reservoir observed in West Bengal.
- (l) Write down the ecological impact of reservoirs.
- (m) What are the current average population rate in Indian reservoirs.
- (n) Name two states of India where the most fish culture is done in the reservoir.
- (o) What are the problems of fish cultivation in Indian reservoirs.

**2.** Answer any six questions.

6×5

- (a) Write the fisheries management of large reservoir in India.
- (b) Write down the important fishery resources of Indian reservoir.
- (c) Give an account on Management of Indian reservoir.
- (d) Why reservoirs of India are called the sleeping Giant of Indian fishery ?

- (e) Write down the negative impact of reservoirs on Ichthiofauna.
- (f) How cages are constructed in the reservoirs ?
- (g) Write down the name of one important reservoirs with its capture cum culture based resources.
- (h) What are the differences between small and large reservoirs ?
- (i) Describe briefly the site selection of enclosures used in reservoirs.
- (j) Write short notes on model pen culture practice method in Tungabhadra Reservoir.

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