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SUBJECT CODE NO:BNP-2709
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (NEP) (P-2024) S.Y Sem III
Examination November / December 2025
Fishery Science (Freshwater Fish Breeding Technique and Hatcheries)

[Time:1: 00 Hours]

[Max. Marks:30]

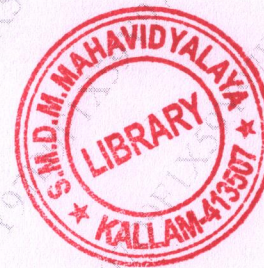
N. B

Please check whether you have got the right question paper.

- 1) Attempt all question in part a (5×2=10)
- 2) Part B (choose any four of six)
- 3) Draw diagram wherever necessary.

Q.1 Choose correct answer from given option.**10**

- 1) The process of artificially inducing fish to breed under controlled. condition is called ____
 A) Natural breeding B) Induced breeding
 C) Hybridization D) selective breeding
- 2) The commonly used hormone for induced breeding in Indian Major Corps is ____
 A) oxytocin B) pituitary extract
 C) prolactin D) Insulin.
- 3) The term "hypophysation" refers to ____
 A) Collection of eggs.
 B) Injection of pituitary gland extract to induce spawning
 C) Artificial fertilization
 D) Incubation of eggs.
- 4) The mean breeding season for Indian Major Carp's is ____
 A) March to May B) June to August
 C) September to November D) December to February.
- 5) A hatchery is primarily used for ____
 A) Fish marketing B) Fish Spawning and seed production
 C) Fish processing D) Water Storage.

**Q.2 Choose any four questions out of six****20**

- 1) Give an account on Bundh breeding
- 2) Induced breeding by hypophysation.
- 3) Explains in detail preservation and Storage of pituitary gland.
- 4) Describe in detail Fish Seed Transportation System.
- 5) Write in detail causes of mortality in transportation.
- 6) Explain in detail CIFE D80 model.