



DM-003-1184001 Seat No. _____

M. Sc. (Sem. IV) (CBCS) (W.E.F. 2016) Examination

March - 2022

ZOOL-419 : Zoology (Core)

(Aquaculture & Fisheries Technology)

Faculty Code : 003

Subject Code : 1184001

Time : **2.30** Hours]

[Total Marks : **70**

1 Answer the following very briefly (any seven) : **2x7=14**

- (a) What is the importance of Aquaculture ?
- (b) What is Wet-Salting ?
- (c) Define Capture Fishery with examples.
- (d) What are the Fish diseases caused by protozoan ?
- (e) What are the Bacterial Fish diseases ?
- (f) What is Pomfret Fish ? Give few examples.
- (g) Define FPC ?
- (h) What are the Auqaculture techniques ?
- (i) What are the animals includes in Crustacean Fisehry / Give few Examples.
- (j) Define Jawless fish.

2 Answer of the following (any two) **7x2=14**

- (a) Give brief note on Fishing Vesses
- (b) Write note on Fishing Gears
- (c) Write note on parts of boats

3 Answer the following : **7x2=14**

- (a) Describe 'Fish preservation'
- (b) What are the problems of Overfishing ?

OR

- (a) Write brief note on Fish by-products
- (b) Write brief note on Production and Marketing Strategies

4 Answer the following : **7x2=14**

- (a) Give detail note on Pearl Oyster fisheries of Gujarat State.
- (b) Write note on 'Prawn fishery'.

5 Answer the following (any two) : **7x2=14**

- (a) Write note on mode of fertilization and parental care in fish
- (b) Describe 'Factors Controlling Induced Breeding'
- (c) Write note on Reproductive strategies of fish
- (d) Give brief note on colour changing in fish.
