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25ZOP103 / 22ZOP103N

PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2025
(First Semester)

Branch- ZOOLOGY

FISHERY BIOLOGY

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry **EQUAL** marks $(10 \times 1 = 10)$

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks $(5 \times 7 = 35)$

Question No.	Question	K Level	CO
11.a.	Explain the external features of fishes with suitable examples. (OR)	K2	CO1
11.b.	Describe the structure and function of the digestive system in fishes.		
12.a.	Determine how various environmental factors influence the growth rate of fishes. (OR)	K3	CO2
12.b.	Illustrate the fish tagging and marking techniques. Migration and growth of fishes.		
13.a.	Discuss the role of reservoir fisheries in supplementing inland fish production. (OR)	K4	CO3
13.b.	Evaluate the ecological and economic implications of overfishing in marine crustaceans.		
14.a.	Explain the acoustic method of fish survey. (OR)	K5	CO4
14.b.	How will you design the larval survey method.		
15.a.	Analyse the socio-economic impact of fishery cooperatives on rural fishing communities. (OR)	K6	CO5
15.b.	Compile the types of fish spoilage.		

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

 $(3 \times 10 = 30)$

Question No.	Question	K Level	CO
16	Describe the external and internal features of Indian major carps.	K1	CO1
17	Discuss the socio-economic importance of migratory fishes for inland and coastal communities.	K3	CO2
18	Analyze the current status of inland fishery production in India.	K4	CO3
19	Assess the characteristics and Importance of fisheries.	K5	CO4
20	Explain the principal methods of fish preservation used in India.	K6	CO5