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SUBJECT CODE NO:- 6265
FACULTY OF SCIENCE & TECHNOLOGY
M.Sc (Zoology) (Sem-IV)
Examinations March/April-2022 (To be held in June/July-2022)
 Fishery Science-II 531

**[Time: 3:45
Hours]**

[Max. Marks: 80]

Please check whether you have got the right question paper.

- N.B
1. Part A is compulsory
 2. Attempt any five questions from part B
 3. Draw neat labeled diagram whenever necessary

Section A

- Q.1 Multiple choice questions 20
1. Which of the following fish/fishes used for culture in paddy fields?
 - a) Catla only
 - b) Rohu only
 - c) Mrigal & Catla only
 - d) All the above
 2. If more than single species of fish is cultured at a time, then it is called
 - a) Monoculture
 - b) Aquaculture
 - c) Polyculture
 - d) Mori culture
 3. Pisciculture is rearing and production of
 - a) Fishes
 - b) Birds
 - c) Reptiles
 - d) Wool yielding animals
 4. National Fisheries Development Board is located in
 - a) Hyderabad
 - b) Goa
 - c) Mumbai
 - d) Chennai
 5. What are the common fishes selected for pond culture systems?
 - a) Sharks & Rays
 - b) Sardines & mackerels
 - c) Mulletts, Bhetki & pearlspots
 - d) Catla, rohu, mrigals, common carps & Grass Carps
 6. "Blue Revolution" is related with the following
 - a) Food Grain Production
 - b) Oil Seed Production
 - c) Fish Production
 - d) Milk Production
 7. Placoid scales are present in
 - a) Sharks
 - b) Lampray
 - c) Salmons
 - d) Hag Fishes
 8. The numbers of chambers in heart of fishes are
 - a) 1
 - b) 2
 - c) 3
 - d) 4
 9. Induced breeding technique is used in
 - a) Marine Fishery
 - b) Capture Fishery
 - c) Culture Fishery
 - d) Inland Fishery
 10. Identify the edible freshwater telcost
 - a) Catla catla
 - b) Hilsa ilisha
 - c) Rays & Skates
 - d) Shark

Part- B

- Q.2 Describe the Digestive System of fish with Diagram. 12
- Q.3 Define Osmoregulation. Describe the Physiology of Excretion in Fish. 12
- Q.4 Describe the Physiology of Respiration in fish. Give an account on Swim Bladder. 12
- Q.5 Explain the physiology of digestion in fish 12
- Q.6 Explain in brief about female reproductive system in fish. 12
- Q.7 What is migration in fish? Explain its types. 12
- Q.8 Define bioluminescence. Give an account on physiology of light production in fishes. 12