

2021

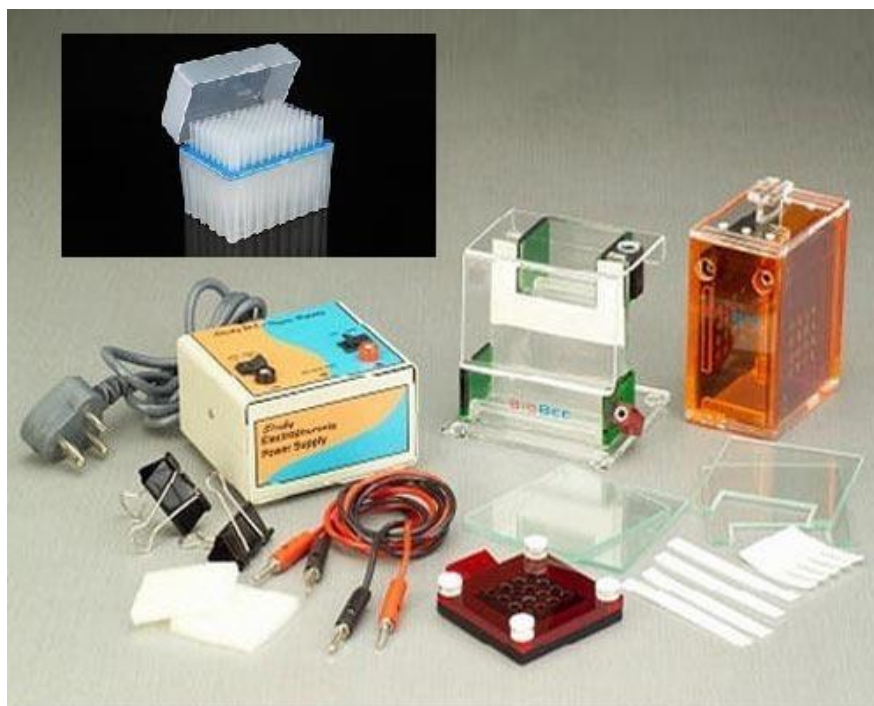
## ZOOLOGY HONOURS- PRACTICAL EXAMINATION

Paper: DSE (A)-6-2-P

Full Marks: 30

*The figures in the margin indicate the full marks.*

1. Write the Principle & Procedure of Genomic DNA isolation from goat liver.  
**4+6=10**
2. Identify and write briefly the use of any four of the following, from the instrumental setup required for Western Blotting. Comment on the application of the technique.  
**[(0.5+1) x 4=6] + 4= 10**



3. A. Submission of completed Project Report  
B. Schematically describe the steps of animal cloning of any one animal. Comment on its application (one) and mention its ethical problems (one).

**5+ [3+1+1] = 10**

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# ZOOLOGY HONOURS- PRACTICAL EXAMINATION

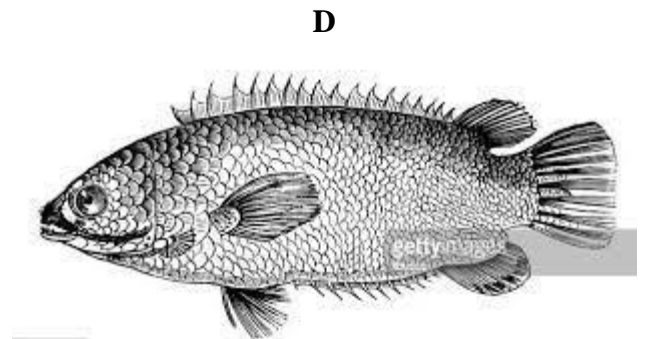
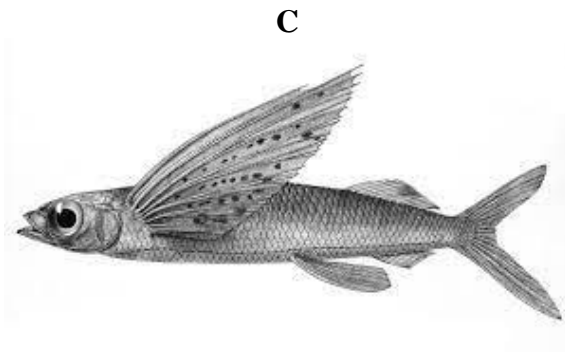
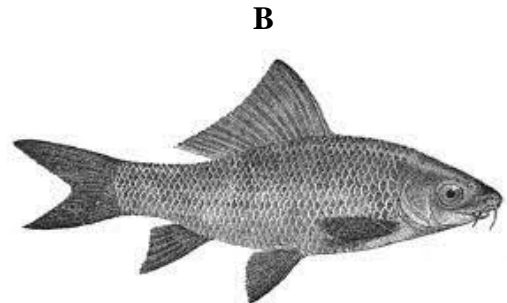
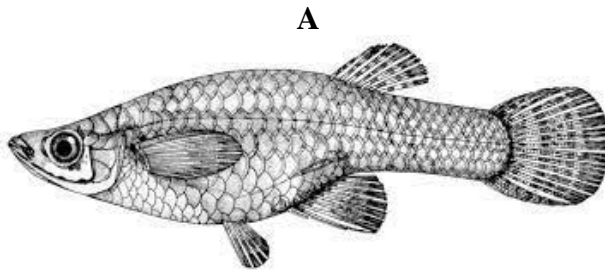
**Paper: DSE (B)-6-2-P**

**(Fish and Fisheries)**

**Full Marks: 30**

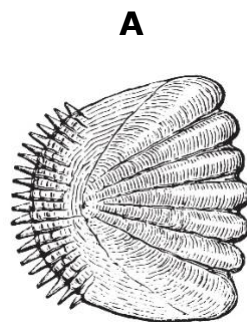
*The figures in the margin indicate the full marks.*

1. Identify the following fishes labelled A, B, C, D with suitable characters [any 3].  
[1+1.5]x4=10



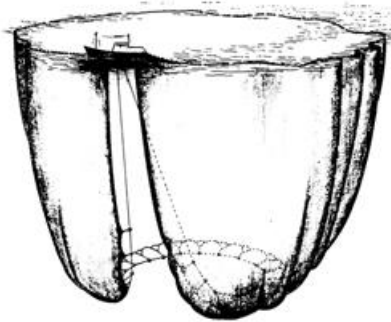
2. Identify the following scales labelled A, B with suitable characters [any three] and name the fish to which it belongs

[0.5+1.5+0.5]x2=5

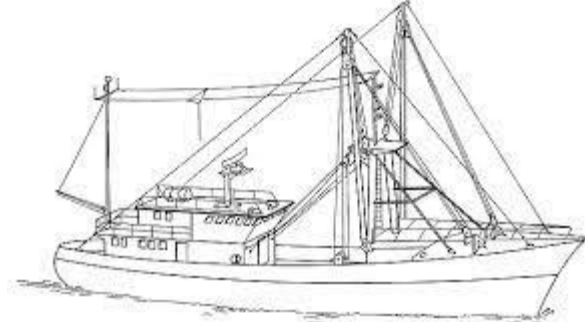


3. Identify the following Gears and Crafts/ boats used in fisheries. Write 1 use of each.  
[1+1]x2=4

**A**



**B**



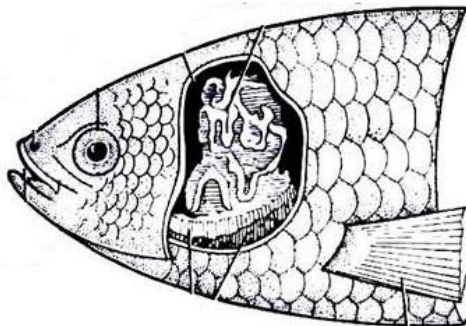
4. Write the range of salinity and mention the procedure for measuring the salinity of a given water sample.

**2+4=6**

5. Identify the following organs with two characters for each labelled A and B; also mention the fishes where the organs are found.

**[1+1+0.5] x 2=5**

**A**



**B**

