

VU  
Fishery Science  
BFSC 3<sup>rd</sup> Semester, Examination - 2022  
Course: BFSC-306  
Genetics and Breeding  
(Practical)



Full Marks: 20

Time: 3 hrs.

**Answer the following**

1. A dominant allele G produces grey guppies. Its recessive allele g produces gold guppies. A group of homozygous grey guppies and gold guppies were crossed and their F1 progeny were then test crossed. Determine the expected genotypic and phenotypic ratios among the test cross progeny. 5
  2. Write the protocol of androgenesis in fishes with flow chart. 5
  3. Submission of Lab notebook 5
  4. Viva-voce 5
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