

MAHATMA GANDHI UNIVERSITY, KOTTAYAM
MGU-UGP (HONOURS)
SECOND SEMESTER PRACTICAL EXAMINATION
(2024 ADMISION ONWARDS)
MG2DSCAQC100- ORNAMENTAL FISH CULTURE AND BREEDING

Duration: 2 hrs

Maximum Marks: 35

I. Identification of Spotters

Identify and comment on the importance of the following in Aquarium and Ornamental Trade

- | | |
|---|-------------------------------------|
| a. Indigenous Ornamental Fish | (Any two) 2 x 2= 4 Marks |
| b. Exotic ornamental Fishes | (Any Two) 2 x 2= 4 Marks |
| 3. Aquarium Accessories | (Any Two) 2 x 2= 4 Marks |
| 4. Live Feeds/Artificial Feeds/ Feed Ingredients/
Feed Additives | (Any Two) 1.5 x 2= 3 Marks |
| | (3 x 4) + (1 x 3) = 15 Marks |

II. Principle and/or Procedure

Write the Principle and Procedure/ Mode of Working of any two of the following

(Biological Filters, Mechanical Filters, Chemical Filters, Ptoein Skimmers, Feed Preparation, Hatching of Artemia Cysts, Determination of Salinity and pH/ Aquarium Accessories)

2 x 6 = 12 Marks

III. Viva

3 Marks

IV. Lab Report

5 Marks

Total – 35 Marks

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MGU-UGP (HONOURS)
SECOND SEMESTER PRACTICAL EXAMINATION
(2024 ADMISION ONWARDS)**

MG2MDCAQC100- INTRODUCTION TO AQUARIUM AND ORNAMENTAL FISHES

Duration: 2 hrs

Maximum Marks: 35

I. Identification of Spotters

Identify and comment on the importance of the following in Aquarium and Ornamental Fish trade

- | | |
|-------------------------------------|-------------------------------------|
| 1. Freshwater Ornamental Fishes | (Any two) 2 x 2= 4 Marks |
| 2. Marine Ornamental Fishes | (Any Two) 2 x 2= 4 Marks |
| 3. Aquarium Accessories/ Equipments | (Any Two) 2 x 2= 4 Marks |
| 4. Aquarium Plants | (Any Two) 1.5 x 2= 3 Marks |
| | (3 x 4) + (1 x 3) = 15 Marks |

II. Principle and/or Procedure/ Mode of Working (Any Two)

**(Filtration of water, Determination of pH and Salinity, Conditioning and packing/
Transportation of Fishes, Aquarium Accessories, Aquarium Fabrication/Setting)**

2 x6 = 12 Marks

III. Viva

3 Marks

IV. Lab Report

5 Marks

Total – 35 Marks