

MAHATMA GANDHI UNIVERSITY
MGUGP-HONOURS
BSc (Hons) BIOTECHNOLOGY

SEMESTER I -PRACTICAL
FUNDAMENTALS FOR BIOTECHNOLOGY

MG1DSCBTG100

Scheme of Practical Examination

Time: 5 Hours

Max marks: 35

1. Major experiment.

15 Marks

Microscopic Observation of given specimen.

Perform the procedure to observe a prepared slide using a microscope.
Performance (focussing, adjustment and clarity of specimen)– 7 marks
Identification of various parts of microscope ----- 8 Marks

2. Minor experiment

10 Marks

Procedure Writing

- a. Laboratory Safety Rules – 5 marks
- b. Sterilization – Moist Heat **OR** Dry Heat Sterilization - 5 marks

OR

Spotters (Can be any equipment/ PPE/ any glass ware, Mask, Autoclave, Hot Air Oven, Gloves etc. - 10 marks (2 marks each).

3. Viva -Voce.

5 Marks

4. Record.

5 Marks

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

MGU-UGP (Honours)

FIRST SEMESTER DEGREE PRACTICAL EXAMINATION, 2024

MG1MDCBTG100 - PRACTICAL- Ecology and Environmental Science

Time: (9.30 am - 12.30 pm)

Total Marks : 35

I. CASE STUDY/ PROCEDURE (15 marks)

1. Procedure for Waste Recycling OR
2. Procedure for Organic Farming OR
3. Write a case study analysis on (any topic mentioned in the syllabus as decided by examiner).

(Students can be divided into three groups and one Question can be given)

II. SPOTTERS (Any Five) (10 Marks)

III. VIVA VOCE (5 Marks)

IV. FIELD VISIT REPORT/ RECORD (5 Marks)