

MODEL QUESTION PAPER
KAHM UNITY WOMEN'S COLLEGE, MANJERI
DEPARTMENT OF BOTANY

Certificate Course Exam, October 2022

BOT5TTL Tools and Techniques in Life Science

Time: 1 Hour

Max Marks: 30

Section A

Answer at least 30 questions. Each question carries 1 mark.

All questions can be attended. Overall ceiling 30.

1. What are the main types of microscopes?
2. What is mounting?
3. Which plant is known as *Drosophila* of Plant kingdom?
4. Example for natural dyes.
5. What is maceration?
6. MS office software used in accounting and statistics.
7. Who invented CRISPR-Cas 9?
8. Basic principle of comet assay.
9. Types of comet assay.
10. Principle of Ame's test.
11. Types of Microtome.
12. Difference between TEM and SEM.
13. What is CRAF
14. What are dehydration and infiltration?
15. What is double staining?

(Question paper pattern may be either descriptive/objective/both objective and descriptive – the choice is left to the department and can decide based on the nature of the course offered, but total 30 marks exam)