

Practical Record

Question No. 1:- To demonstrate the effect of different wavelengths of light during photosynthesis.

2. To demonstrate liberation of Carbon dioxide during aerobic respiration.
3. To identify the bacteria using method of Gram's staining.
4. To test for the presence of fats.
5. To separate amino acids by chromatography.
6. preparation of different nutrient media for tissue culture.
7. To test for the presence of fats/oils.
8. To the present of proteins.
9. To the test for reducing sugar, glucose (grape-sugar)
10. Description of plant Ranunculaceae. Clematis paniculata Thumb.
11. Description of plant poace (Gramineae) Triticum aestivum Linn.
12. Description of plant Rubiaceae, Mussaenda luteola.
13. Description of plant peristrophe bicalyculata (Retz) Nees. ^{delile}
14. Description of plant cucurbitaceae. Coccinea cordifolia (L.) ^{Cogn.}
15. To demonstrate the stomatal opening by Darwin's ^{Cogn.} potometer.
16. To demonstrate that CO_2 is necessary for photosynthesis.
17. Demonstration of respiratory enzymes in plant tissues.