

S.NO. 246

BATCH: 87-2014-17

Reg. No.

END OF SEMESTER EXAMINATIONS, APRIL / MAY-2018

GENERAL BOTANY-II

SUBJECT CODE: 17UBBO02

MAJOR: B.Sc. Chemistry

TIME : 3 HOURS

SEMESTER : II

MAX. MARKS: 75

**SECTION – A (10 X 1 = 10)**

**Answer All the questions:**

**Define:**

1. Laminar flow hoods
2. Explant
3. Transpiration
4. Grana
5. Glycolysis
6. Enzyme
7. Halophytes
8. Producers
9. Siddha
10. Drug

**SECTION – B (5 X 5 = 25)**

**Answer Any FIVE Questions:**

11. How to sterilize culture rooms in plant tissue culture? Explain.
12. Write short notes on subculture of callus.
13. List out the types of transpiration.
14. Write short notes on the properties of enzymes.
15. Explain the morphological adaptations of Hydrophytes.
16. Give a brief account on Pond ecosystem.
17. Write short notes on Siddha system of medicine.

**SECTION – C (5 X 8 = 40)**

**Answer Any FIVE Questions:**

18. Write an essay on scope and importance of Biotechnology.
19. Describe the techniques involved in the preparation of MS medium for plant tissue culture.
20. Give an account of Dark reaction of photosynthesis.
21. Explain various steps involved in TCA cycle.
22. Write an essay on the anatomical adaptations met with in Xerophytes.
23. Describe in brief the Vegetational types of India.
24. Write an essay on Drugs and Adulteration.

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