

S.NO.850

BATCH: 2002-15, 2017, 2018 Reg. No.

99

END OF SEMESTER EXAMINATIONS, NOVEMBER - 2018

PLANT DIVERSITY - I

SUBJECT CODE: 17UABO01

MAJOR: B.Sc. (Botany)

TIME : 3 HOURS

SEMESTER : I

MAX. MARKS: 75

SECTION - A (10 X 1 = 10)**Answer ALL the Questions:**

1. What is archegonium?
2. What is hormogonium?
3. Define karyogamy.
4. What is zygosporangium?
5. What is ascocarp?
6. What is cleistothecium?
7. Define Mycobiont.
8. What is Basidiospore?
9. Name the causative organism of citrus canker.
10. What is host?

SECTION - B (5 X 5 = 25)**Answer Any FIVE Questions:**

11. Describe the ultra structure of *Chlamydomonas*.
12. Explain the asexual reproduction of *Nostoc*.
13. Explain the general characters of fungi.
14. Explain the asexual reproduction of *Albugo*.
15. Describe the structure of *Agaricus* basidiocarp.
16. Write the economic importance of Fungi.
17. Write notes on Tikka disease of ground nut.

SECTION - C (5 X 8 = 40)**Answer Any FIVE Questions:**

18. Discuss the economic importance of Algae.
19. Describe the post-fertilization changes of *Ploysisiphonia*.
20. Explain the life-cycle of *Saccharomyces*.
21. Discuss the classification of fungi by Alexopoulos.
22. Give an account on stages of life-cycle of *Puccinia* in Berberry plant.
23. Describe the morphology and internal structure of *Lichens*.
24. Write the causative organism, symptoms and control measures of little leaf of Brinjal.
