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D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
SEMESTER EXAMINATIONS
NOVEMBER - 2016
ALLIED: BOTANY - I

15CABO3A

Time: 3 Hrs**Max.Marks: 75****SECTION-A (10 x 2 =20)****Answer ALL the questions.**

1. Autogamy.
2. Basidiocarp.
3. Nucleoid.
4. Heterocyst.
5. Pili.
6. Grana lamella
7. Gram staining.
8. Collateral vascular bundle.
9. Intra cortex vascular bundle.
10. Karyokinesis.

SECTION-B (5 x 5 =25)**Answer any FIVE of the following questions.**

11. Briefly explain the structure of Chlorella.
12. List out the economic importance of Agaricus.
13. Describe the Lycopodium Cone.
14. Describe the vegetative reproduction in E.coli.
15. Explain the ultra structure and functions of the Chloroplast.
16. Explain the metaphase and anaphase stages of mitosis.
17. What are the difference between the internal structure of a monocot stem and monocot root.
18. Give an account on the permanent tissues in dicot plants.

SECTION-C (3 x 10 =30)**Answer ALL the questions.**

19. (a) Describe briefly the structure and life history of Penicillium.
(Or)
(b) Give an illustrative account on Funaria.
20. (a) Briefly explain the ultra structure and functions of Mitochondria.
(Or)
(b) Give an account of general characteristics of Bacteria.
21. (a) Describe the secondary thickening of a dicot stem.
(Or)
(b) Explain the general characteristics of TMV.

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