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D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
SEMESTER EXAMINATIONS
APRIL - 2017
PLANT BIOTECHNOLOGY

CBT6A

Time: 3 Hrs

Max.Marks : 75

SECTION-A (10 x 2 =20)

Answer ALL the questions.

1. Define cell line.
2. Define Growth hormone.
3. What do you mean by callus?
4. Define the term micropropagation.
5. Protoplast.
6. What is meant by somatic hybridization?
7. Define amino acids with example.
8. Virus.
9. Vaccines.
10. What are alkaloids?

SECTION-B (5 x 5 =25)

Answer any FIVE of the following questions.

11. Give an account on growth hormones.
12. Write brief account on organogenesis.
13. Give an account on embryogenesis.
14. Write short notes on somatic hybridization.
15. Write a brief account on direct gene transfer methods.
16. Give an account on storage proteins.
17. Write a short note on virus diseases.
18. Give an account on industrial enzymes.

SECTION-C (3 x 10 =30)

Answer ALL the questions.

19. (a) Write in detail account on history and scope of plant biotechnology.

(Or)

- (b) Define media. Give a detail account on MS media.

20. (a) Micropropagation.

(Or)

- (b) Write in detail about vector mediated gene transfer.

21. (a) Give detail account on vaccines.

(Or)

- (b) Write a detailed account on transgenic plants.

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