



Date: 04-04-2019
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

PART-A (10x2=20Marks)

Answer All Questions

1. What is GMO?
2. Define Patent
3. State the Importance of organ culture
4. What are cell line?
5. Write any two uses of restriction enzymes?
6. Write about DNA probe
7. Explain fermentor
8. What is cryopreservation?
9. Define the term transgenesis
10. Give the names of Nitrogen fixers.

PART-A (4x10=40Marks)

Answer any FOUR Questions

11. Write notes on Trade mark , Copy rights and Trade secrets with an example.
12. What is Biosafety? Explain
13. What are Plasmids? Explain its types with example.
14. Describe molecular cloning strategies
15. Explain the basic concepts of Fermentation.
16. Write short notes on transgenic animals.

PART-A (2x20=40Marks)

Answer any TWO Questions

17. Write an essay on the achievements of Biotechnology
18. What are cell lines? Explain in detail on Primary culture.
19. Explain the cDNA preparation and add a note on probes
20. Write a general essay on GMOs and its impact on Agriculture