



QP CODE: 26019107



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

M Sc FOOD AND INDUSTRIAL MICROBIOLOGY

ELECTIVE - MG830403 - BIOSAFETY, IPR AND PATENTS

2019 Admission Onwards

64BDFE80

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Comment on virus resistant plants.
2. Define gene flow.
3. Give notes on types of research and development.
4. Define BP.
5. Should life forms be Patented?
6. How do you patent a process?
7. Write notes on the types of intellectual property protection.
8. Comment on FDI.
9. Comment on 4ps of marketing.
10. Define SPS.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write a short essay on GMOs.
12. What does FDA regulate?





13. Define Patent. Give notes on common rules in Patent. List the limitations of Patents.
14. Give a detailed account on Plant breeders right.
15. Can biological materials can be patented?
16. Write a short essay on the regulatory issues and challenges to food products.
17. Give notes on International trade.
18. Write a short essay on joint ventures. Add notes on licensing joint ventures.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Explain in detail the reimbursement of drugs and biologicals in India.
20. Write an essay on the International harmonization of patent laws.
21. Define IPR. Give a detailed account on copyright and trademark.
22. Illustrate the role of distribution channel in foreign trade.

(2×5=10 weightage)

