

QP CODE: 214333

Reg. No:.....

**Second Semester M. Pharm Degree Regular/Supplementary Examinations
November 2025**

M.Pharm (Regulatory Affairs)

Paper- IV – Regulatory Aspects of Food and Nutraceuticals (MRA 204T)

(Common for 2019 and 2024 Scheme)

Time: 3 Hours

Total Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Write a note on historical developments of food as nutraceuticals
2. Explain the WHO guidelines on nutrition
3. What is food safety modernization Act. Explain its salient features

Short Notes

(9x5=45)

4. Discuss the sale and manufacture of nutraceutical product in India
5. What is NSF. Explain the services that NFS offers in food and nutraceutical area
6. How genetically modified foods are regulated in India
7. Discuss on the scope and opportunities in the nutraceutical market
8. What are the two categories of dietary supplements DSHEA create. Explain
9. Explain the labeling requirements of dietary supplements in USA
10. How is the manufacturing of nutraceuticals regulated in Europe
11. What is a novel food ingredient as per EU regulation
12. Write a note on recommended daily allowance in Europe

CORRECTION / NO-CORRECTION FILE
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QPCODE: 214333

Dated: 14-11-2025

Question No.5

Corrected as "What is NSF. Explain the services that NSF offers in food and nutraceutical area."

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS