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Library
Pharmaceutical Technology
Brainware University
Barasat, Kolkata-700125

BRAINWARE UNIVERSITY

Term End Examination 2025-2026

Programme – M.Pharm(Pharmaceutics)-2024/M.Pharm(Pharmaceutics)-2025

Course Name – Molecular Pharmaceutics (Nano Tech and Targeted DDS)

Course Code - MPH201T

(Semester II)

Full Marks : 75

Time : 3:0 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Short Answer Type Questions)

5 x 5=25

1. Briefly describe the rationale of drug targeting. (5)
2. Classify the liposomes on the basis of structural parameter. (5)
3. Describe about aquasomes and also mention its advantages. (5)
4. Classify liposomes on the basis of their methods of preparation. (5)
5. Justify the advantages of electrosomes in drug delivery and biomedical applications. (5)

OR

Briefly explain the size distribution and zeta potential measurement processes for characterization of aquasomes. (5)

Group-B

(Long Answer Type Questions)

10 x 5=50

6. Discuss the limitations of targeted tumor therapy. (10)
7. Briefly describe the quality control tests for pharmaceutical aerosols. (10)
8. Illustrate the selection process of polymers for the development of nanoparticles. (10)
9. Briefly explain the evaluation techniques of phytosomes. (10)

OR

- Assess the pharmaceutical applications of phytosomes. (10)
10. Explain in details the evaluation process of liposomes. (10)

OR

Assess the pharmaceutical applications of aquasomes. (10)
