



Library
Pharmaceutical Technology
Brainware University
Bar. cat. No. 12-706/125

BRAINWARE UNIVERSITY

Term End Examination 2024-2025
Programme – M.Pharm(Pharmaceutics)-2024
Course Name – Modern Pharmaceutics
Course Code - MPH103T
(Semester I)

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. Define protocols of stability studies. (5)
2. Give an example of different excipients and its role. (5)
3. Explain different methods used for enhancement of solubility of poorly water soluble drugs. (5)
4. Illustrate different spectroscopic techniques of analyses of drug-excipient interaction study. (5)
5. Explain in detail about dissolution parameters. (5)

OR

Explain briefly about excipients interaction.

(5)

Group-B

(Long Answer Type Questions)

10 x 5=50

6. Define stability. Explain elaborately about stability testing. (10)
7. Estimate the advantages of validation, describing its purpose. (10)
8. Restate compaction profiles. (10)
9. Explain about ideal excipients and discuss any ten excipients and its use in formulation. (10)

OR

Estimate Validation with respect to Pharmaceutical Industry.

(10)

10. Illustrate Validation along with its significance in the pharmaceutical industry. (10)

OR

Analyze the types of validation.

(10)
