Exam.Code:0438 Sub. Code: 3487

## 2072

## M.Sc. (Biotechnology) Fourth Semester MBIO-402: Drug Designing and Drug Delivery

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- VII. a) Explain the procedure of preclinical testing in drug approval.
  - b) Describe the considerations for blinding drug product for clinical trial packaging. (2x8)

## UNIT - IV

- VIII. a) Discuss the mechanism of action for prodrugs.
  - b) Explain the applications of liposomes in drug delivery.

(2x8)

- IX. a) Discuss the osmotic controlled drug delivery systems.
  - b) Describe the approaches towards effective protein and peptide drug delivery. (2x8)