

MPH102T - Drug Delivery System

P. Pages : 1

Time : Three Hours



GUG/W/24/14167

Max. Marks : 75

- Notes :
1. All questions are compulsory.
 2. Illustrate your answers wherever necessary with the help of neat sketches.

- 1. Solve any ten. 2x10
=20**
- i) Define controlled drug release.
 - ii) Advantages and disadvantages of CDDS.
 - iii) Pharmacogenetics.
 - iv) Give structure of skin.
 - v) Enlist penetration enhancers used in TDDS.
 - vi) Define Antigens.
 - vii) What are vaccines.
 - viii) Enlist evaluation parameter of TDDS.
 - ix) Enlist Osmotic agents.
 - x) Enlist Gastro retentive drug delivery system.
 - xi) Advantages and disadvantages of GRDDS.
 - xii) Define Buccal drug delivery system.
- 2. Solve any two. 10x2
=20**
- i) Explain classification and applications of polymer in drug delivery.
 - ii) Explain osmotic activated drug delivery system.
 - iii) Explain formulation and evaluation of TDDS.
- 3. Solve any five. 5x7
=35**
- i) Ocusert
 - ii) Buccal strip.
 - iii) Telepharmacy.
 - iv) Physicochemical properties affecting sustained release preparation.
 - v) Explain evaluation of muco adhesive drug delivery.
 - vi) pH activated drug delivery system.
 - vii) Transdermal drug delivery of vaccines.
