

- 1- Explain by graph the idea of controlled release. (page 4)
- 2- Mention advantages of Controlled drug release formulations over conventional dosage forms (page 6)
- 3- Negative effect for Controlled drug release (page 7)
- 4- The limitations of controlled drug release formulations (CDRFs) (page)
- 5- **Design of Controlled Release Systems (page 8)**
- 6- ***Factors That May Make a Drug Unsuitable for CDRF*** (Page 15)
- 7- drug properties and therapeutic requirement should be taken into account in designing a controlled release system (p 16)
- 8- Polymers selected in the preparation of the dosage form must comply with the following requirements (Page 18)
- 9- **Methods of Polymer Fabrication and Drug Encapsulation (Page 20)**
- 10- **Classification of CDRFs (21)**
- 11- Draw Schematic representation of different embodiments of polymer-based controlled release formulations. (29)

- 12- Define **Polymeric Prodrugs** (p 31)
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