

B.Pharm. CBCS Pattern Semester-VII
BP704T - Novel Drug Delivery System

P. Pages : 2

Time : Three Hours



GUG/W/23/14146

Max. Marks : 75

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

- 1.** Multiple choice questions. **20x1**
=20
- i) Controlled release formulations release the drug at -----.
- a) Predetermined rate b) Predictable rate
c) Both a & b d) None
- ii) By Noyes Whitney equation, rate of drug dissolution ----- with increase in thickness of dissolution layer.
- a) Increases b) Decreases
c) Equalizes d) Remain constant
- iii) Polymers used in preparation of contact lenses are -----.
- a) Polyvinyl b) Polyurethanes
c) Polymethacrylate d) Cellulose
- iv) Topical polymers are generally prepared by ----- processes.
- a) Inorganic b) Organic
c) Both a & b d) None
- v) Chemical Enhancer used in the TDDS is.
- a) Oleic acid b) Polyethylene glycol
c) Ethanol d) All of the above
- vi) Adhesive property of Transdermal patch is determined by -----.
- a) Peel adhesion test b) Rolling ball tack test
c) Probe tack test d) Flatness test
- vii) Microballoon is the ----- type of GRDDS.
- a) Floating system b) High density system
c) Mucoadhesive system d) None of the above
- viii) Pulmonary route of drug delivery is preferred due to.
- a) First pass metabolism b) Systemic effect
c) Local effect in the lungs d) All of the above
- ix) Nebulizers are of following types -----.
- a) Breath activated b) Breath enhanced
c) Both a & b d) None of the above
- x) To perform solvent evaporation method of microencapsulation, polymer and drug must be soluble in.
- a) Aqueous solvent b) Organic solvent
c) Both a & b d) None
- xi) The blood flow rate in oral mucosa is -----.
- a) 10-20 ml/min b) 50-100ml/min
c) 20-30 ml/min d) Irregular

