

Printed Pages: 01

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Sub Code: PHARM362

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**B. Pharm**  
**(SEM VI) THEORY EXAMINATION 2017-18**  
**Pharmaceutics-VII (Pharmaceutical Technology-II)**

**Time: 3 Hours****Total Marks: 100****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A**

- 1. Attempt all questions in brief. 2 x10 = 20**
- Define the term "Angle of repose" and write its equation.
  - Define rectal capsule and enteric-coated capsule.
  - Name the different types of excipient used in formulation of tablets.
  - Define sustain release and controlled release system.
  - Define " Prodrug". What are their applications?
  - What are the essential characteristics of eye drops.
  - Define the term 'water for injection' and 'dialysis fluid'.
  - What are qualities of good container?
  - Write the applications of aerosol packing.
  - Write function of surgical dressing.

**SECTION B**

- 2. Attempt any three of the following: 10 x 3 = 30**
- Describe in brief about techniques of microencapsulation.
  - Write in brief about evaluation of tablets.
  - Define the term 'ophthalmic products'. Write essential characteristics of different ophthalmic product.
  - What are 'parenteral products'? Describe evaluation test for parenteral products.
  - Define the term "closure". Write in detail about different types of closure commonly used in pharmaceutical industry.

**SECTION C**

- 3. Attempt the following: 5 x 2 = 10**
- Write about quality control tests for capsules.
  - Discuss about problems and remedies for tablet coating.
- 4. Attempt the following: 5 x 2 = 10**
- Write application and characterization of liposomes.
  - What are eye lotions? Describe in brief, the formulation of eye lotion.
- 5. Attempt the following: 5 x 2 = 10**
- Define term 'pyrogen'. Write in brief the method of pyrogen test.
  - Give in brief, the various intravenous fluids which are commonly used.
- 6. Attempt the following: 5 x 2 = 10**
- Write in brief about quality control tests for parenteral products.
  - What is the composition of glass? Describe in detail the different types of glass u for making containers.
- 7. Attempt the following: 5 x 2 = 10**
- Write in brief about nonofficial dressings.
  - Write about cellulosic hemostasis.