



**SB-1269**

**Second Year D. Pharm. Examination**  
**March/April – 2011**  
**Pharmaceutics - II**

Time : 3 Hours]

[Total Marks : 80

**Instructions :**

(1)

नीचे दृश्यावले निशानीवाणी विगतो उत्तरवडी पर अवश्य लखवी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
S. Y. D. Pharm.

Name of the Subject :  
Pharmaceutics - 2

Subject Code No. : 1 2 6 9 Section No. (1, 2,.....): 1&2

Seat No. :

Student's Signature

- (2) All questions are compulsory.  
(3) Figure to the right indicate full marks.  
(4) Answer and submit both sections separately.

**SECTION - I**

- 1 Attempt any **five** of the following : 10
- (a) Comment : A Pharmacist must check the name of the drugs and their dose before compounding it.  
(b) Comment : White soft paraffin is not used in eye-ointment.  
(c) Prepare 200 ml of 1 in 10,000 solution of  $\text{CuSO}_4$  from 1 in 500 solutions.  
(d) What is tincture ? Give any one example of tincture preparation.  
(e) Comment : Temperature control is necessary during melting of coca butter.  
(f) Enlist abrasives used in tooth paste with its function.

- (g) Converting following Latin abbreviation in English :
- (i) Collnarium
  - (ii) Mitte
  - (iii) Ut. dict
  - (iv) b.i.d.
- 2** Attempt any **two** of the following : **10**
- (a) Briefly discuss various factors affecting Fixation of Dose.
  - (b) Classify Incompatibilities. Discuss various ways for correction of Incompatibilities.
  - (c) Describe in brief various tests for identification of Types of Emulsion.
- 3** Attempt any **two** of the following : **10**
- (a) Write a note on calculation of paediatric Dose.
  - (b) Discuss various suppositories bases with their advantages and disadvantages.
  - (c) Write the note on Ophthalmic inserts.
- 4** Attempt any **two** of the following : **10**
- (a) What are shampoos ? Discuss their functions and formulation aspects.
  - (b) Write about the formulation of nail polish and nail polish remover.
  - (c) Define tooth pastes. Discuss their formulation aspects.

## SECTION - II

- 5** Attempt any **five** of the following : **10**
- (a) Comment : Doctor must maintain the sex and age of the patient on prescription.
  - (b) Why Acacia cannot be added as suspending agent in calamine lotion ?
  - (c) Comment : Saccharine sodium is not a good sweetening agent.

- (d) Comment : Elixirs are hydro-alcoholic in nature.
  - (e) Why Glycerine is used as vehicle in throat paint ?
  - (f) A doctor prescribed 600 mg of aspirin for a boy aged 8 years. How do you prove it is an overdose ?
  - (g) Prepare 300 ml of 20% alcohol from 60% alcohol.
- 6** Attempt any **two** of the following : **10**
- (a) Write a detail procedure of sterility testing of parenteral solution.
  - (b) Discuss functions and formulation of 'Rouges' and 'Mascara'.
  - (c) Enlist the advantages and disadvantages of effervescent granules and discuss its method of preparation.
- 7** Attempt any **two** of the following : **10**
- (a) Briefly discuss about :
    - (i) Intravenous admixtures
    - (ii) Dialysis solutions
  - (b) Write the formula, method of preparation and uses of 'Vanishing cream' and 'Face powder'.
  - (c) Write a note on solubilization. Discuss the answer with example.
- 8** Attempt any **two** of the following : **10**
- (a) Differentiate between the following :
    - (i) Lotion and Liniment
    - (ii) Syrups and Elixirs
  - (b) Classify liquid dosage forms
  - (c) Write definition, characteristics, storage and labelling conditions of nasal drops.
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