

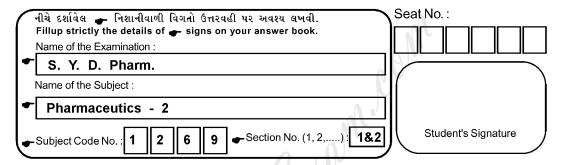
SB-1269

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

Time: 3 Hours] [Total Marks: 80

Instructions:

(1)



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

SECTION - I

 ${\bf 1} \qquad \text{Attempt any } \textbf{five} \text{ of the following :} \\$

- **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 $CuSO_4$ 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.

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(g)

(i)

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(a) (b) (c) Atter (a) (b)	(iii) Ut. dict (iv) b.i.d. mpt any two of the following: Briefly discuss various factors affecting Fixation of Dose. Classify Incompatibilities. Discuss various ways for correction of Incompatibilities. Describe in brief various tests for identification of Types of Emulsion. mpt any two of the following: Write a note on calculation of paediatric Dose. Discuss various suppositories bases with their advantages and disadvantages. Write the note on Ophthalmic inserts.	10
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Atte	mpt any two of the following:	10
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(a)	What are shown as 2 Discuss their forestions and	
	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 apsects.	
	SECTION - II	
Atte	mpt 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.	
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	(a) (b) (c)	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.

Converting following Latin abbreviation in English :

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

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