



RB-1323-24
Second Year B. Pharm. Examination
April / May – 2010
PH-202 : Pharmaceutics - IV
(Pharmaceutical Dispensing)

Time : 3 Hours]

[Total Marks : 70

RB-1323

Instructions :

(1)

<p>नीचे दर्शायेव निशानीवाणी विगतो उत्तरवही पर अवश्य कर्णवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : S. Y. B. Pharm.</p> <p>Name of the Subject : PH-202 : Pharmaceutics - 4</p> <p>Subject Code No. : <input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="2"/> <input type="text" value="3"/> Section No. (1, 2,...): <input type="text" value="1"/></p>	<p>Seat No. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p style="text-align: center; border: 1px solid black; border-radius: 15px; padding: 10px;">Student's Signature</p>
---	---

- (2) Attempt **all** questions from each section.
- (3) Answer and submit both sections **separately**.
- (4) Figure to the right indicate full marks.

1 Attempt any **five** of the following : (give reasons) **5×2=10**

- (a) Dusting powder requires addition of starch and talc.
Why?
- (b) Sodium salicylate and syrup lemon cannot be mixed
in mixture. Why?
- (c) How syrup act as self preservative?
- (d) Explain the meaning of 'Rx'. Why this symbol is used?
- (e) Creaming is more serious instability problem in
emulsions.
- (f) Throat paint always applied by cotton plug.

2 Attempt any **four** of the following : **4×4=16**

- (a) How to dispense the proprietary medicines?
- (b) Discuss in brief various methods for dispensing emulsions with appropriate example.
- (c) Define Ointments. Write their ideal physicochemical properties. Write the factors to be considered while formulating a dermatological preparation.
- (d) What is suspensions? How do electrokinetic properties of suspended particles helps in the formulation of suspension?
- (e) Differentiate between the following pairs :
 - (i) Syrups - Elixirs
 - (ii) Gargles - Mouth washes
 - (iii) Lotions - Liniments
 - (iv) Inhalations - Aerosols

3 Attempt any **three** of the following : **3×3=9**

- (a) Translate the abbreviations into English
 - (i) q.i.d.
 - (ii) stat.
 - (iii) q.n.
 - (iv) pulv.
 - (v) mist.
 - (vi) p.c.
- (b) Dispensing of Radiopharmaceuticals.
- (c) How many parts of 70%, 60%, 40% and 30% alcohol should be mixed to get 50% of alcohol.
- (d) Define Prescription. Comments "Inscription is the heart of prescription."

RB-1324

Instructions :

(1)

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<input type="text"/> S. Y. B. Pharm.	<input type="text"/>
Name of the Subject :	
<input type="text"/> PH-202 : Pharmaceutics - 4	
<input type="text"/> Subject Code No. : <input type="text"/> 1 <input type="text"/> 3 <input type="text"/> 2 <input type="text"/> 4 <input type="text"/> Section No. (1, 2,.....): <input type="text"/> 2	Student's Signature

- (2) Attempt **all** questions from each section.
- (3) Answer and submit both sections **separately**.
- (4) Figure to the right indicate full marks.

4 Attempt any **five** of the following : **5×2=10**

- What should be the ideal characteristics of a preservative for liquid dosage forms.
- British pharmacopoeia.
- Write the formula used to find out the dose based on surface area.
- Give the importance of trituration and levigation. How do these techniques be useful in dispensing pharmacy?
- How many grams of solid are required to prepare 480 ml of a 1 in 750 solutions?
- Define Galenical Preparations.

5 Attempt any **four** of the following : **4×4=16**

- What are the causes of Chemical incompatibility? What will happen if Alkaloids salts combine with alkaline substance and Tannins?
- Discuss the Container, Labeling and Storage of Powders.

(c) Make a comment on the following :

Rx

Caffeine citrate.....grss

Acetophenitidinegrss

Acetyl Salicylic acidgrV

Codeine Phosphate.....gr^{1/4}

Prepare Capsule

Supply : Six such capsules

(d) Enumerate different methods for adjusting isotonicity in the preparation. Discuss any one method with complete formula.

6 Write notes on any **three** :

3×3=9

(a) Future trends in dispensing

(b) Displacement value

(c) Factors affecting the dose

(d) Linctus and Collodions.
