



**R-5516**

**M. Pharm. (Part-II) Examination**

**May / June – 2010**

**621 : Pharmacometric & Evaluation of Drugs**

Time : Hours]

[Total Marks : 70

**Instructions :**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<b>M. Pharm. (Part-2)</b>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<b>621 : Pharmacometric and Evaluation of Drugs</b>	<input type="text"/>
Subject Code No. : <input type="text"/> 5 <input type="text"/> 5 <input type="text"/> 1 <input type="text"/> 6	Section No. (1, 2,.....) : <input type="text"/> Nil
Student's Signature	

(2) Figures to the **right** indicate marks.

(3) **All** questions are **compulsory**.

- 1 Describe how anti-inflammatory agents are evaluated experimentally in laboratory animals. 14
- 2 Write short notes :
- (a) Guineapig as an experimental animal 5
  - (b) Evaluation of Thyroxine 5
  - (c) Diabetic animal model 4
- 3 Attempt any **two** of the following : 7x2=14
- (a) Evaluation of Anti-ulcer drugs.
  - (b) Concepts of High throughput screening.
  - (c) Evaluation of drugs used in Alzheimer's disease.

- 4 Describe how 14
- (a) coronary dilators and
  - (b) bronchodilators are evaluated in animals with suitable laboratory techniques.
- 5 Explain the methods of evaluation on any two 7x2=14  
of the followings :
- (a) Hypocholesterolemic
  - (b) Diuretics
  - (c) Sympatholytics.