

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

Roll No

MPY-201(PCS)

M. Pharmacy II Semester

Examination, December 2017

**Biopharmaceutics and Pharmacokinetics
(Adv. Pharmaceutics-I)**

Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks

1. Discuss various factors affecting renal excretion. Explain Interrelationship between pharmacokinetic parameters and physiological variables. 14
2. a) Give objectives of bioavailability testing along with methods for assessing bioavailability. 7
b) Explain Latin-Square cross over design and parallel study design for bioequivalence testing. 7
3. Describe zero order kinetic process with suitable example. Explain kinetics of first order absorption in multiple dosing. 14
4. a) Discuss plasma drug concentration-time profile with all parameters. 7
b) Explain the factors affecting plasma drug concentration and toxicity. 7

MPY-201(PCS)

PTO

5. Explain the criteria for obtaining valid urinary excretion data. Discuss determination of KE from urinary excretion data. 14

- 5 ⑥ Explain in detail physiological pharmacokinetic model with binding blood flow linked versus diffusion linked model. 14
https://www.rgpvonline.com

7. a) Define pharmacokinetic. Discuss plasma drug concentration time profile with all parameters. 7
b) Explain various factors affecting plasma drug concentration and toxicity. 7

8. Write a short note on: 14
a) Mean absorption time and Mean dissolution time
b) Chronopharmacokinetics

https://www.rgpvonline.com

Whatsapp @ 9300930012

Your old paper & get 10/-

पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से