

Rajiv Gandhi University of Health Sciences, Karnataka

First Year M. Pharm Degree Examination – NOVEMBER 2015

Time: Three Hours**Max. Marks: 100 Marks**

CLINICAL PHARMACY PRACTICE

PAPER I (RS2 & RS3)

Q.P. CODE: 9261

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)**2 x 20 = 40 Marks**

1. Brief on pharmacokinetic models. Discuss on pharmacokinetic parameters like K_a , K_e , $t_{1/2}$, AUC and t_{max} and write their significance. What is bioavailability? Write on design and importance of bioequivalence studies.
2. Write a note on clinical trials. Give the ICH and CDSCO guidelines for the good clinical practice in the conduct of clinical trials. Discuss the various aspects of monitoring and auditing of clinical trials.
3. Write on sample size calculation. Add a note on 'Chi-square' test. 't' test and 'ANOVA'. Explain the concept of "null hypothesis", "alternate hypothesis" and "degrees of freedom".

SHORT ESSAYS (Answer any FIVE)**5 x 10 = 50 Marks**

4. Write in detail on pharmaceutical care plan.
5. Brief on systemic approach in answering drug and poison information queries.
6. Discuss the importance and techniques of patient counseling.
7. Give the importance of monitoring of ADR in hospitalized patients. Add a note on spontaneous reporting system.
8. Write short note on DUE & DUR.
9. Explain liver function tests. Explain its use in evaluation and diagnosis test disease states.

SHORT NOTES**2 x 5 = 10 Marks**

10. Renal clearance.
11. Test in cardiac disorder and thyroid function tests.
