

# Rajiv Gandhi University of Health Sciences, Karnataka

IV Year Pharma-D (Post Baccalaureate) Degree Examination – Mar 2013

**Time: Three Hours****Max. Marks: 70 Marks**

## CLINICAL PHARMACY

**Q.P. CODE: 2869**

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

**LONG ESSAYS (Answer any Two)****2 x 10 = 20 Marks**

1. Explain the role of clinical pharmacist with respect to a) ward round participation & b) DUR.
2. Explain different types of medication errors & explain the role of pharmacist in reducing the medication errors.
3. Describe the interpretation and alterations of Haemoglobin, hematocrit & various RBC indices in the evaluation of macrocytic, microcytic & normocytic anemia.

**SHORT ESSAYS (Answer any Six)****6 x 5 = 30 Marks**

4. Describe cardiac enzymes changes reflected by myocardial ischemia & infarction.
5. Explain the usual liver function investigations commonly performed to assess health of a patient's liver.
6. Explain the mechanism of Type A adverse drug reaction.
7. Explain the stages in verbal communication, which can be used in a pharmacy practice setting.
8. Explain the use of counseling aids.
9. How can medication adherence be improved?
10. Describe the steps involved in answering a Drug information Query.
11. How primary research paper is critically evaluated?

**SHORT ANSWERS****10 x 2 = 20 Marks**

12. Define ADR.
13. Define Hyponatremia and hypernatremia.
14. What is Naranjo's scale?
15. List out some commonly used primary drug information resources.
16. Describe the objectives of DUE.
17. Medication history interview
18. Importance of a poison information centre
19. Define pharmaceutical care.
20. How is hypothyroidism identified?
21. Write the significance of glycosylated haemoglobin test.

\*\*\*\*\*