

# Rajiv Gandhi University of Health Sciences, Karnataka

IV Year Pharm-D (Post Baccalaureate) Examination - Mar 2013

**Time: Three Hours**

**Max. Marks: 70 Marks**

## PHARMACOTHERAPEUTICS – II

### Q.P. CODE: 2868

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 nucleoside reverse transcriptase inhibitors (NRTIs) and nonnucleoside reverse transcriptase inhibitors (NNRTs) in the management of HIV infections
2. Discuss the basic principles of cancer chemotherapy. Explain the pharmacotherapy of breast cancer
3. Describe various dialysis techniques used in the management of acute renal failure

#### SHORT ESSAYS (Answer any Six)

**6 x 5 = 30 Marks**

4. Explain clinical manifestations of Gonorrhea and syphilis
5. Write a note on drug induced renal failure
6. Explain the algorithm for management of Rheumatoid arthritis
7. Describe the symptoms and management of bacterial septicemia
8. Discuss the role of mannitol in Meningitis
9. Explain the clinical presentation and treatment of superficial *Candida* infections
10. Explain the general guidelines for selection of appropriate antibiotic for an infection
11. Explain the WHO regimen for Tuberculosis

#### SHORT ANSWERS

**10 x 2 = 20 Marks**

12. Enumerate the abnormal findings of cerebro spinal fluid in meningitis
13. Explain the role of macrolides in lower respiratory tract infections
14. Illustrate the algorithm for DOTs therapy for tuberculosis
15. List out the complications of peritoneal dialysis
16. Enumerate the clinical sign and symptoms of eczema
17. Mention any two drugs that can cause Stevens-Johnson Syndrome
18. Enumerate the clinical sign and symptoms of spondylitis
19. Enumerate the common causes of protozoal infection
20. Enumerate the clinical sign and symptoms of scabies
21. How chondroprotective agents are helpful in the management of osteoarthritis?

\*\*\*\*\*