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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Renal Dialysis Technology) Degree Examination – Sep 2012

Time: 3 Hours**Max. Marks: 50 Marks****Microbiology****Q.P. Code : 1352**

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

(Note : Both QP Codes 1351 and 1352 are to be answered within total duration of 3 hours)**LONG ESSAYS (Answer any One)****1 x 10 = 10 Marks**

1. Discuss laboratory diagnosis of Human Immunodeficiency Virus.
2. List etiological agents of catheter related infections. Describe sample collection and inoculation for the same.

SHORT ESSAYS (Answer any Five)**5 x 5 = 25 Marks**

3. Methods of inactivation of HIV.
4. Candida albicans.
5. Laboratory diagnosis of Hepatitis C virus.
6. Methods of transmission of Hepatitis B virus.
7. Toxoplasma gondii.
8. Cryptococcus neoformans.

SHORT ANSWERS (Answer any Five)**5 x 3 = 15 Marks**

9. List etiological agents of urinary tract infections.
10. Superinfection and coinfection.
11. Significant bacteriuria.
12. Target groups for HBV pre-exposure prophylaxis.
13. Culture media used to grow tubercle bacilli.
14. Ziehl Neelson Stain.
