

NURSB - 1681 - MICROBIOLOGY - NUTTP (SEPTEMBER-2012)_AUGUST-2012 (OCT-12).doc
Rajiv Gandhi University of Health Sciences, Karnataka
I Year B.Sc. (Nursing - Basic) Degree Examination – Sep 2012

Time: Three Hours**Max. Marks: 80 Marks****MICROBIOLOGY (Revised Scheme)****Q.P. CODE: 1681**

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. Classify hypersensitivity reactions. Describe Type I hypersensitivity reaction
2. Describe the morphology, pathogenesis and laboratory diagnosis of HIV virus
3. Name the organisms causing enteric fever. Describe the laboratory diagnosis of typhoid fever

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. Bacterial spores
5. Autoclave
6. Lesions produced by herpes simplex virus
7. Laboratory diagnosis of post streptococcal sequelae
8. Life cycle of *L. donovani*
9. *Cysticercus cellulosae*
10. *E. vermicularis*
11. Laboratory diagnosis of fungal infections
12. Dermatophytes
13. *C. albicans*

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

14. Pasteurization
15. Flagella
16. Name 2 bacteria causing sexually transmitted diseases
17. Method of collection of sputum for *M. tuberculosis* recommended by RNTCP (Revised National Tuberculosis Control Program)
18. Give 2 examples of RNA viruses
19. Draw a neat and labeled diagram of HIV virus
20. Name 2 concentration methods for ova and cyst
21. Name 2 opportunistic fungal infections
22. Aflatoxin
23. Define dimorphic fungi. Give an example
