

QP CODE: 108011

Reg. No:.....

First Year Post Basic B.Sc Nursing Examinations- November 2015

MICROBIOLOGY

Time: 3 Hours

Total Marks: 75

- **Answer all questions**
- **Draw diagram wherever necessary**

Essay :

(2x10=20)

1. Name the species of mycobacterium. Explain the morphology, pathogenesis and lab diagnosis of mycobacterium tuberculosis (1+1+2+6=10)
2. Enumerate the intestinal nematodes. Explain the morphology, life cycle, lesions caused and lab diagnosis of ascaris lumbricoides (2+1+3+2+2=10)

Short notes :

(8x5=40)

3. Bacterial flagella
4. Chemical disinfectants
5. Lab diagnosis of malaria
6. Explain the morphology and pathogenesis of HIV
7. Virus cultivation
8. Toxoplasmosis
9. Delayed hypersensitivity
10. IgG

Answer briefly :

(5x3=15)

11. R.C.M.
12. Prophylaxis of polio
13. Hanging drop
14. HCV
15. Trophozoite of giardia lamblia
