

QP CODE: 108011

Reg. No:.....

First Year Post Basic B.Sc Nursing Examinations November 2016

MICROBIOLOGY

Time: 3 Hours

Total Marks: 75

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

Essay:

(2x10=20)

1. Which is the causative agent of tetanus. Describe the morphology, modes of transmission and lab. Diagnosis of this agent. How tetanus can be prevented.
(1+1+1+3+4 =10)
2. Enumerate the causative agents of urinary tract infection (UTI). What are the predisposing factors for UTI. Describe various specimen collection methods. How the specimen is processed in the laboratory.
(2+1+3+4=10)

Short notes:

(8x5=40)

3. Hot air oven
4. Agglutination reactions
5. Lab. diagnosis of filariasis
6. Kyasanur forest disease
7. Shigella
8. Lab. diagnosis of urinary tract infection
9. Mycetoma
10. Rubella

Answer briefly:

(5x3=15)

11. Bacterial capsule
12. Chemical disinfectants
13. Differential staining methods
14. Soft chancre
15. Trichomonas vaginalis
