

Q.P. CODE: 103010

Reg. No:

**First Year B.Sc Nursing Degree Supplementary Examinations
May (November), 2020**

Microbiology

Time: 3 Hrs

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays:

(2x10=20)

1. Define immunity. Describe the factors affecting innate immunity. (2+8)
2. Name two bacteria causing enteric fever. Describe the mode of transmission, laboratory diagnosis and prophylaxis of enteric fever (1+1+4+4)

Short notes:

(7x5=35)

3. Bacterial growth curve.
4. Microfilaria
5. Laboratory diagnosis of gas gangrene
6. Candidiasis
7. Laboratory diagnosis of HIV.
8. Meningococcal meningitis
9. Biomedical waste management

Answer briefly:

(10x2=20)

10. MMR vaccine
11. Name four common infections caused by staphylococcus aureus
12. Mantoux test
13. Dengue Fever.
14. IgM
15. Name four causative agents of urinary tract infections.
16. Gram staining
17. NIH swab
18. Name four viruses transmitted through blood transfusion.
19. Louis Pasteur
