



2010 Scheme

Q.P. CODE: 103010

Reg. No:

**First Year B.Sc Nursing Degree Supplementary Examinations
February 2022**

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. Describe the structure and viral markers of HBV. Add a note on its laboratory diagnosis and prophylaxis. (4+3+3)
2. Define hospital associated infection. Describe the role of infection control nurse in HICC (2+8)

Short notes:

(7x5=35)

3. Contributions of Louis paster
4. Hot air Oven –Principle, working and uses.
5. Penicillin and its derivatives
6. Type I hypersensitivity
7. Laboratory diagnosis of pneumococcal pneumonia
8. Food poisoning due to clostridium
9. Indian immunization schedule

Answer briefly:

(10x2=20)

10. Toxin detection tests for Corynebacterium diphtheria.
11. Weil's disease
12. Carriers
13. Oral polio vaccine
14. Pasteurization
15. ZN staining
16. Hydatid cyst
17. Laboratory diagnosis of acute amoebic dysentery
18. Diarrheagenic E.coli
19. Name the different transmission routes of human immuno deficiency virus