

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
