

No. of Printed Pages : 2

21MBL4G2BL

Sl. No.

M.Sc. IV Semester Degree Examination, Sept./Oct. - 2024

MICROBIOLOGY

**MB DSC : Social Immunity and Vaccination
(NEP)**

Time : 1 Hour

Maximum Marks : 30

Note : Answer *all* the sections.

SECTION - A

Answer **all** the **5** questions each one carries **1** marks :

5x1=5

1. (a) Immunization
- (b) Natural immunity
- (c) Infectious diseases
- (d) Live attenuated vaccine
- (e) RNA vaccine

SECTION - B

Answer **any 5** questions each one carries **2** marks :

5x2=10

2. Primary immune response
3. Local immunity
4. Edward Jenner
5. Salk and Sabin vaccine
6. Recombinant vaccines
7. DPT vaccine schedule
8. MMR vaccine

P.T.O.

SECTION - C

Answer **all** the **5** questions each one carries **3** marks :

5x3=15

9. Explain the role of herd immunity on community.
10. Briefly discuss mechanism of vaccine action.
11. Discuss the vaccination schedule in newly born infants.
12. Give an account of preparation of viral vaccines.
13. Write a note on milestones of COVID vaccine development.

- o 0 o -

