

B.Sc. (Part – II) (Semester IV)(NEP) Examination Mar/Apr-2024

Balasaheb Desai College, Patan

Microbiology

Subject Code –94265

Medical Microbiology and immunology (Paper –VIII)

Day and Date –Friday, 19/04/2024

Time – 2.30 pm to 4.30 p.m.

Total Marks- 40

Period- 2 hours

Total Pages-

- Instruction -**
- 1) *All the questions are compulsory.*
 - 2) *Figures to the right indicate full marks.*
 - 3) *Draw neat labelled diagrams wherever necessary.*

Q.1 Rewrite the following sentences choosing the correct alternatives given below. 8

1. ----- disease is transmitted via mosquito.
a) Cholera b) Malaria c) Pneumonia d) Polio
2. The ability of organism to produce disease is called as -----
a) Virulence b) Infection c) Pathogenicity d) poisoning
3. Inanimate object responsible for transmission of disease is called as -----.
a) Article b) fomite c) vector d) carrier
4. The immunity that develops in the host body in response to the antigen that enters by natural infection is called as ----- immunity.
a) Natural passive b) Natural active c) Artificial passive d) artificial active
5. ----- antibody can cross placenta.
a) IgG b) IgA c) IgD d) IgM
6. The chemical nature of antibody is -----
a) Carbohydrate b) lipid c) protein d) glycolipid
7. ----- disease is transmitted via contaminated food.
a) Cholera b) Malaria c) Pneumonia d) Salmonellosis
- 8 The antibody present in colostrum is -----
a) IgG b) IgA c) IgM d) IgD

Q.2 Attempt following question (Any Two)

16

1. Describe in detail ways of prevention and control of diseases by avoiding exposure of pathogen.

2. Define immunity. Give different types of immunity.
3. What is antigen? Explain various factors affecting the antigenicity.

Q.3 Write short notes on (any four)

16

1. Phagocytosis
2. Types of diseases
3. Water borne transmission of diseases
4. Structure of antibody
5. Natural immunity
6. Types of carriers
