

Seat No. : _____



A Charutar Vidya Mandal's Institution
V.P. & R.P.T.P. SCIENCE COLLEGE
(AUTONOMOUS) (Grant-in-Aid)
Affiliated to Sardar Patel University
VALLABH VIDYANAGAR-388120



Bachelor of Science (Semester VI) Internal Examination - 2026
US06MAMIC01: Immunology and Medical Microbiology

Date: 6/03/ 2026

Time: 10:45 a.m. to 12:15 p.m.

Total marks : 30

Q-1 Answer the following Multiple Choice Questions

(06)

1. Cytokines released from mononuclear phagocytes are called :
A. Lymphokines B. Interleukins C. Monokines D. All of them.
2. Incomplete antigen is also known as :
A. Hapten B. Antigenic determinant C. Epitope D. None of the above
3. The strength of bond after formation of antigen- antibody complex is called:
A. Affinity B. Intensity C. Avidity D. None of them.
4. Sudden unexpected occurrence of disease is called:
A. Endemic B. Outbreak C. Pandemic D. Index case
5. Smaller antigenic changes occurring in pathogen is called:
A. Antigenic drift B. Antigenic shift C. Morbidity D. All of them.
6. Which of the following is insect borne disease?
A. Typhoid B. AIDS C. Anthrax D. Dengue.



Q-2 Draw and Explain in detail on structure of Immunoglobulin.

(06)

OR

Q-2 Write a note on T cell maturation.

(06)

Q-3 Describe Immunoematology.

(06)

OR

Q-3 Write a note on ELISA.

(06)

Q-4 Write in detail on common types of health care associated infections.

(06)

OR

Q-4 Describe various measures to control infection in health care setting.

(06)

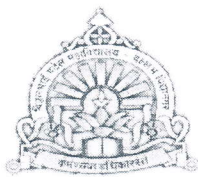
Q-5 Write a note on clinical features of HIV infection..

(06)

OR

Q-5 Describe pathogenicity, symptoms and treatment of Typhoid..

(06)



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Quiz

Q.1 Fill in the blank

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- (1) Cytokinins are required for ----- (Immunoregulation / Immunoprecipitation)
- (2) Antibodies are secreted by ----- (T cells/ Plasma cells)
- (3) Berson and yallow described ----- (ELISA/ RIA)
- (4) Antibody causing agglutination is called ----- (Agglutinin/ Precipitin)
- (5) Zika virus is transmitted through bite of -----.(Anopheles mosquito/ Aedes mosquito)
- (6) Overall level of immunity in a community is called ----- (Herd immunity/ Total immunity)
- (7) ----- is the example of bacterial infection (Chickengunia/ Cholera)
- (8) The Febrile phase is observed in ----- condition (Dengue/ Anthrax)

Q.2. State True or False

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- (1) Thyroid is the primary lymphoid organ.
- (2) T cells and B cells before they encounter antigens are called naive cells.
- (3) The person with AB blood group is called universal donor.
- (4) Health care associated infections are also called nosocomial infection.
- (5) Anthrax is a zoonotic infection.
- (6) Adjuvants help vaccines work better.
- (7) Penicillin is used for the treatment of Typhoid.

