

Vitthalbhai Patel & Rajratna P.T.Patel Science College V.V. Nagar

Internal Test: 2019(Semester V)

Date: 07-10-2019

Sub: Microbiology (US05CMIC04)

Total Marks: - 25

Time: 11-00 a.m. to 12-15 p.m.

Q-1 Attempt all following multiple choice question.

(05)

(1) Following is the primary lymphoid organ:

- (a) Bone marrow (b) Spleen  
(c) Thymus (d) Lymphnodes.

(2) Secondary granules of Neutrophil contain the following:

- (a) Peroxidase(b) Lactoferrin(c) Catalase(d) All of them.

(3) The number of antigenic determinant sites on antigen is called:

- (a) Hapten (b) Epitope(c) Valence (d) None of them.

(4) Post zone area in zone phenomenon is the area of:

- (a) Antigen excess(b) Antibody excess(c) Both in equal(d) None of them.

(5) Which of the following is a localized autoimmune disease?

- (a) SLE (b) Rheumatoid arthritis (c) Myasthenia gravis (d) All of them.



Q-2 Write a note on Acute inflammation.

(05)

OR

Q-2 What is Complement? Describe classical pathway of complement.

(05)

Q-3 Define antigen Write a note on properties of antigen.

(05)

OR

Q-3 Write a note on B cell activation.

(05)

Q-4 Write a note on Precipitation reaction in gel.

(05)

OR

Q-4 Explain in detail on zone phenomenon.

(05)

Q-5 Write a note on Type I hypersensitivity reaction.

(05)

OR

Q-5 Describe the mechanism of allograft rejection.

(05)