



PRAMUKH SWAMI SCIENCE & H.D.PATEL ARTS COLLEGE, KADI

First/Second Internal Examination

Class :

Subject :

Max Marks :

Date :

Paper No:

Time:

P. S. Science & H. D. Patel Arts College, Kadi

1st Internal Examination 2018

Sem-6 (Biotechnology)

Paper- 601 Fundamental of Immunology

Date:- 6-3-18

Time:- 1.45 to 3.45

Hours:- 2 hrs

Marks:-40

Q-1 Answer all questions. Each question carries 1 mark..... (10x1=10M)

1. Expand APC
2. Two examples of phagocytes
3. Types of WBC
4. Types of Antigen
5. Types of Antibodies
6. Define monoclonal antibodies
7. Secondary organs (Name)
8. Genes of IgA and IgE
9. Secretary Antibody
10. Role of MAST cells

Q-2 Answer any four (4) questions..... (5x4M=20M)

- 2.1 Explain term immunology and types
- 2.2 Describe roles of macrophages
- 2.3 Describe biodiversity of immunoglobulin
- 2.4 Explain Antigen and types
- 2.5 Explain granule cells of human beings
- 2.6 Describe Acquired immunity

Q-3 Answer any one (1) question(10x1=10M)

- 3.1 Discuss organs of immune system with examples
- 3.2 Describe immunoglobulin types, structure and functions
