

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Time : 3 Hrs.

Pre- Ph.D. Examination April-2018

[Max. Marks : 100]

Allied Health Sciences

Paper – II

Area of Specialization

Q.P Code: 5302

*Your answers should be specific to the questions asked.**Draw neat labelled diagrams wherever necessary.***LONG ESSAY****10 X 10 = 100 Marks**

1. Write in detail about the cells involved in immune system.
2. Discuss the mechanism of antibody mediated immunity.
3. Differentiate between cytokines and chemokines and write about chemokines in detail.
4. What is the role of various immune receptors in infections.
5. What do you mean by Autoimmunity? Discuss by citing one each of systemic and organ specific autoimmune disorder.
6. Write an essay on Immunotherapy.
7. What is GWAS? What is its role in identifying disease causing genes?
8. Describe the technical details of Next generation Sequencing.
9. Explain 2D electrophoresis and its applications.
10. Write about FACS and its diagnostic importance.

SLE
Myasthenia
Gravis

Gravel

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