

End Semester Examinations - 2015-16 Even Semester - May 2016

14BI2007 Immunoinformatics

Set A

Time : 3 hrs
Total Marks: 100

1. Describe the structure and functions of primary and secondary lymphoid organs.
OR
 2. With a flow chart explain types of immune system. Describe adaptive immunity in detail.
 3. Differentiate the various types of immunoglobulins based on structure and functions.
OR
 4. Describe the process of IgMAB's production and its applications
 5. Illustrate working principle of flow cytometry and its instrumentation
OR
 6. Depict the process of antigen processing and presentation to immune cells.
 7. Explain the different steps of T-cell maturation
OR
 8. Depict the process of leukocyte migration and inflammation.
 9. Describe with a flow chart, vaccine designing through *insilico* methods.
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Wishing you All the Best
