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SB-3551

M. Sc. (Part - II) (In Biosciences - Microbiology) Examination

March / April – 2011

Paper - VI (M) : Medical Microbiology & Immunology

Time : **3** Hours] [Total Marks :52

Instructions :

(1)

નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of ☛ signs on your answer book.

Name of the Examination :

☛ **M. Sc. (Part - 2) (In Biosciences - Microbiology)**

Name of the Subject :

☛ **6 (M) : Medical Microbiology & Immunology**

☛ Subject Code No. : **3 5 5 1** ☛ Section No. (1, 2,.....) : **Nil**

Seat No. :

Student's Signature

(2) Figures to the right indicate full marks of the question.

(3) Draw neat and labelled diagrams whenever necessary.

1 Answer the following : (any **two**) **14**

(i) Structure and function of primary lymphoid organs.

(ii) Chemical and biological barriers of innate immune system.

(iii) Granulocytes.

2 Attempt : (any **two**) **14**

(i) TCR

(ii) MHC molecules

(iii) Blood group antigen

3 Answer the following : (any **two**) **14**

(i) Stages of B-cell developement.

(ii) Processing and presentation of exogenous antigen.

(iii) Mechanism of interferon action.

4 Write a note on : (any **two**) **10**

(i) Pathogenesis of AIDS

(ii) Life cycle of Plasmodium

(iii) Applications of Monoclonal antibodies.