

# Rajiv Gandhi University of Health Sciences

**M.D. Degree Examination - 12-Nov-2019**

**[Time: 3 Hours]**

**[Max. Marks: 100]**

## **MICROBIOLOGY - PAPER – I**

**Q.P. CODE: 7355**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

**Answer All The Questions**

**10 X 10 = 100 Marks**

1. Define auto immunity. Write in detail about mechanisms for development of auto immunity and mention various auto immune diseases.
2. Define and classify immunity. Write differences between T cell and B cell and add a note on transfer factor.
3. Monoclonal antibodies.
4. Dark field microscope.
5. Heterophile agglutination.
6. Anaerobic culture methods.
7. Biomedical waste management.
8. Toxins.
9. Lectin pathway of complement activation.
10. Automated methods of culture.

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