

**2013**

**M.Sc.**

**2nd Semester Examination**

**BIOTECHNOLOGY**

**PAPER—BIT-206**

**(PRACTICAL)**

*Full Marks : 40*

*Time : 4 Hours*

*The figures in the right-hand margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Answer all questions.*

1. Calculate the concentration of supplied antigen by performing Radial Immuno Diffusion techniques.  
[Principle-3, Work-3, Result-4, Interpretation-5] 15
2. Isolate plasmid DNA from supplied microorganism and demonstrate it by running on agarose gel. Comment on your observation. 7+4+4
3. Viva-Voce. 5
4. Laboratory Note Book 5