

2012**M.Sc.****2nd Semester Examination****MICROBIOLOGY****PAPER—XI(B) (MCB-205B)****(PRACTICAL)***Full Marks : 30**Time : 5 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.***Group—B****[Marks—30]***Answer all questions.*

1. (a) Find out the information regarding Human Genome from the Website through Bioinformatics tools. 5
 - (b) From the given data create a Line-diagram in MS-Excel. 3
 2. (a) Perform multiple alignment of the given data and comment on the results. 5
 - (b) Search NCBI Database and retrieve a protein sequence of α -amylase enzyme in FASTA format. 3
 3. Viva Voce. 5
 4. Practical Records. 4
 5. Internal Assessment. 4
-