

**B.N. Bandodkar College of Science, Thane**  
**S.Y.B.Sc Second Term end Examination 2011**  
**Subject**  
**Paper III**

Duration 2 hrs

Max Marks-60

N.B.	1) 2)	All Questions are compulsory. Figures to right indicate full marks.	Marks
Q.1)	a)	Answer in ONE sentence 1) Which family cardamom belongs to? 2) Name any two plants suitable for hedges in gardens. 3) What is EMBOSS?	1 1 1
	b)	Answer any two of the following 1) Write morphology and uses of Clove. 2) Describe 'Focal Point' with reference to garden planning. 3) Give an account of edible vaccines.	6 6 6
Q2)	a)	What are spices and condiments? Discuss morphology and uses of Nutmeg and Mace.	7
	b)	What is a fibre? Write a note on fibres. OR	8
	b)	Give a detail account of papers.	8
Q 3)	a)	Describe flower beds with reference to garden planning.	7
	b)	What is a garden? Differentiate between formal and informal gardens. OR	8
	b)	Discuss 'lawn' with reference to horticulture.	8
Q.4)	a)	Give a detail account of selectable markers?	7
	b)	Discuss transgenic plant production by <i>Agrobacterium</i> mediated gene transfer. OR	8
	b)	What is solid state fermentation? Add a note on fermentors and substrates used for production of enzymes.	8