

M.Sc. 3rd Semester Examination, 2010**BOTANY****PAPER—XVIII(Unit-I)****(Practical)***Full Marks : 25**Time : 2 $\frac{1}{2}$ hours**The figures in the right-hand margin indicate marks***UNIT—I**

1. Answer the question marked with tick (✓) only :
- (a) Determine the minimum size of the quadrat and its minimum numbers necessary to study the vegetation of the area (to be shown to you) following Species Area Curve method. 10
- (b) Make a detailed study of local plant community following Raunkiaer's life-form method. 10

(Turn Over)

(c) Determine the abundance/frequency/density of plant(s) of the area (to be shown to you) following any standard method. 10

2. Make a suitable anatomical preparation of the specimen supplied to you. Draw, label and comment (in terms of ecology) $1\frac{1}{2} + 1\frac{1}{2} + 2$

3. Laboratory Note Book/Record and Field/Excursion Report/Record. 2 + 5
