

**2012**

**M.Sc.**

**3rd Semester Examination**

**BIOTECHNOLOGY**

**PAPER—BIT-305**

**(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. Demonstrate *in vitro* micro-propagation technique with the samples provided to you 15

*Or*

Demonstrate the technique of haploid (anther) culture with supplied plant material

*(Requisition— 2, Procedure— 4, Work— 6,*

*Results— 2, Comments— 1)*

*(Turn Over)*

2. Experimentally show xylogenesis from the samples supplied to you.

15

3. Practical Note Book.

5

4. Viva-voce.

5

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