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UG/2nd Sem/Biote/H/19(Pr.)

2019

B.Sc.

2nd Semester Examination

**BIOTECHNOLOGY (Honours)**

**Paper - C4P**

Full Marks : 20

Time : 3 Hours

*The figures in the margin indicate full marks.*

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

*Answer all questions.*

1. Prepare and identify the anatomy of the supplied sample (monocot/dicot's root/stem leaf) by a suitable staining method and comment on it.

[Identification - 01, Staining - 02, Diagram - 02,  
Comment - 02] 7

2. Perform a paper chromatography to separate the pigments of the supplied leaf extract and interpret your result.

[ Turn Over ]

( 2 )

[Principle - 01, Paper Chromatography technique - 04, Result and Interpretation - 03]	8
3. Laboratory Note book.	2
4. Viva-voce.	3

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