

**2018**

**CBCS**

**3rd Semester**

**BOTANY**

**PAPER—C7P**

**(Honours)**

**Practical**

*Full Marks : 20*

*Time : 2 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.*

*Illustrate the answers wherever necessary.*

**Genetics**

Answer all questions

1. Make a suitable squash preparation of the pretreated, fixed and stained root tip material 'A'. Draw, label and count the chromosomes from a scattered metaphase plate. 7

*[Squash preparation—2, Preparation of metaphase plate—2, Drawing and labelling—2, Chromosome count—1]*

*(Turn Over)*

- Determine the goodness of fit of the supplied ratio by chi-square method.

*[Calculation-4, Comment-1]*

- Identify the specimens - 'B,' and 'C' with reasons.

5×2

- Laboratory Note Book

2

- Viva-Voce

3

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