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C/22/MSc/2nd Sem/BOT-295.2

2022

M.Sc.

**2nd Semester Examination**

**BOTANY**

**PAPER—295.2**

**(Practical)**

*Full Marks : 25*

*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.*

**Unit 295.2 Palaeobotany, Palynology and  
Plant Reproductive Biology**

1. Write down the requirements needed for preparation of pollen slides through Erdtman's acetolysis technique (1960). 3

*(Turn Over)*

2. Draw and describe the pollen morphological characters (any *two*) from the supplied sample (A). Write down the NPC of those pollen grains. 2+4+1
3. Write down the identifying characters, type of preservation and age of preservation of the specimens B and C. 2+2
4. Comment on the supplied (specimen D) pollen morpho-type. 2
5. Practical Note book. 4
6. Viva-Voce. 5
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