

2022

B.Sc. 2nd Semester Examination

BOTANY (Honours)

Paper : C 4-P

Archegoniate

[Practical]

Full Marks : 20

Time : Three Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

- A. Answer any one : 5×1=5
1. Describe with labelled sketches the internal structure of *Marchantia* thallus. 5
 2. Draw and label the internal structure of *Pinus* leaflet. 5
 3. Draw, label and describe the fertile pinnae of *Pteris* sp. 5

P.T.O.

(2)

B. Answer any one : 10×1=10

1. Draw and describe the longitudinal section of *Funaria* capsule. Write down the identifying characters of *Funaria* and give its systematic position. 3+3+3+1
2. Write down the identifying characters of female cone of *Pinus*. Draw, label and describe the longitudinal section of *Pinus* male cone. 3+3+4

C. 1. Practical record 2
2. Viva-voce 3
