



UNIVERSITY OF NORTH BENGAL
B.Sc. Honours 5th Semester Examination, 2020

CC11-BOTANY

REPRODUCTIVE BIOLOGY ANGIOSPERMS

Full Marks: 40

ASSIGNMENT

*The questions are of equal value.
The figures in the margin indicate full marks.*

Answer any four of the following questions each within 300 words 10×4 = 40

1. Describe the structure of a typical angiospermic ovule along with the functions of its different parts and their fate during post-fertilization development. 10
2. Explain monosporic embryo sac development with suitable illustrations. 10
3. Self incompatibility in higher plants is not a barrier for their successful reproduction. Justify the statement with suitable explanation citing examples. 10
4. Write notes on: 5×2 = 10
 - (i) Microsporogenesis
 - (ii) Abnormal features of pollen grain
5. Polyembryony is developed by a number of ways and can be applied in several fields. Justify the statement. 10

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