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NA—37—2023

FACULTY OF SCIENCE

B.Sc. (Second Year) (Fourth Semester) EXAMINATION

NOVEMBER/DECEMBER, 2023

(CBCS/New Pattern)

BOTANY

Paper-VIII

(Plant Embryology)

(Saturday, 9-12-2023)

Time : 2.00 p.m. to 4.00 p.m.

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

(ii) Draw neat and well labelled diagrams wherever necessary.

1. Define pollination. Give an account of types of pollination. 15

Or

Write on :

(a) Contribution of P. Maheshwari. 8

(b) Male sterility. 7

2. Describe in detail about polygonum type of female gametophyte. 15

Or

Write on :

(a) Helobial Endosperm 8

(b) Apomixis. 7

P.T.O.

WT

(2)

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3. Write short notes on (any *two*) :

10

- (a) Palynology
- (b) Homogamy
- (c) Significance of fertilization
- (d) Cellular Endosperm.

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