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GA—50—2023

FACULTY OF SCIENCE

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

APRIL/MAY, 2023

(CBCS/New Pattern)

BOTANY

Paper VIII

(Plant Embryology)

(Saturday, 29-4-2023)

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

Time—Two Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) All questions carry equal marks.

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

1. Describe the structure of pollen grain and add a note on development of male gametophyte. 15

Or

Write on :

(a) Types of pollination 8

(b) Agents of pollination. 7

2. Give an account of Bisporic (Allium) type of female gametophyte. 15

Or

Write on :

(a) Nuclear endosperm 8

(b) Crucifer type of embryo. 7

P.T.O.

WT

(2)

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

10

- (a) T.S. of anther
- (b) Dichogamy
- (c) Anatroous ovule
- (d) Parthenocarpy.

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