

2023

(Session : 2023-27)

Time : 3 hours

Full Marks : 75

Pass Marks : 30

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Answer from both the Groups as directed.

Group – A

1. Answer **all** the questions very briefly : $1 \times 5 = 5$
- (a) Give one name and one example of any modification of tap root.
- (b) Give two differences of Prokaryotic cell and Eukaryotic cell.

- (c) Describe the type of vascular bundle of dicot stem.
- (d) Describe the names of greenhouse gases.
- (e) Describe the botanical name of Maize.
2. Give only the types and examples of modification of underground stem. (description is not required) 5

OR

Describe the parts of a flower.

3. Write a short note on Ozone layer depletion. 5

OR

Draw a neat and well labelled diagram of plant cell. (description is not required)

Group – B

Answer any **four** questions of the following :

$15 \times 4 = 60$

4. Describe types of simple fleshy fruits with examples.
5. Write structure and function of Mitochondria.

GP – 65/1

(2)

Contd.

6. Describe elements of complex tissue with suitable diagrams.
7. Give an account of structure and function of pond ecosystem.
8. Write a note on ex-situ conservation of biodiversity.
9. Describe botanical names, parts used, chemical constituents and uses of any three medicinal plants.



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GP – 65/1 (10,000) (3) UG(Sem-I) — Bot
(MDC – 1)

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