

2020

BOTANY — GENERAL

Fourth Paper

(Group - A)

Full Marks : 70

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

SET - 1

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Trap crop

‘Totipotency’

‘Cybrid’

‘Ti-plasmid’

‘Bt-cotton’

‘2, 4-D’

‘Hybrid’

‘quarantine station’

‘Mode’

‘Spawn’

‘Micropropagation’

terpenoid

N₂

Please Turn Over

'Diazotrophs'

'Fischer and Yeates'

'Fusogen'

Protoplast culture

Organoleptic

Heterosis breeding

Systemic

antibiotic

'emasculation' 'bagging'

Mean Median

'Goodness of fit'

'Chi-Square'

'Recombinant DNA technology'
DNA library

Gene cloning

Restriction enzyme

[English Version]

The figures in the margin indicate full marks.

1. Answer in brief (*any ten*) :

2×10

- (a) What is a nif gene?
- (b) What is algalization?
- (c) What is a trap crop?
- (d) What is totipotency?
- (e) What is a cybrid?
- (f) What is Ti-plasmid?

