

GURUDAS COLLEGE

DEPARTMENT OF BOTANY

ONLINE INTERNAL EXAMINATION, 2020

BOTANY — GENERAL

B. Sc PART-II (1+1+1)

Paper: III

Date of examination: 2nd December, 2020

The figures in the margin indicate full marks

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

A. Answer all questions:

3X5

- a. Which stains are usually used in the double staining method to study plant anatomy? What is the purpose of double staining method? 2+3
- b. Imbibition is more in which type of seeds? proteinaceous or fatty seeds? Give reasons.
- c. Differentiate between mitotic metaphase and anaphase. 5

B. Identify the following 5 Specimens (i-v) with reasons.

5X5

i. Specimen i



ii. Specimen ii



iii. Specimen iii



iv. Specimen iv.



v. Specimen v



C. Spot Identification. Identify the following plants (i-v). Give their scientific name and mention their family. 2X5

i



ii.



iii.



iv



v.



Instructions for submission of answer scripts

1. Write the front page/top sheet as per instruction. Give page numbers on each page.
2. Scan the pages in sequence and make a two PDF files one for Paper II and another PDF file for Paper III.
3. Rename file as per instruction.
4. Email the PDF file within the stipulated time to **generalbotanygurudacollege@gmail.com** and also give CC email to **gcbotgen@gmail.com**