

GURUDAS COLLEGE

B. Sc. SEMESTER V (Honours) Odd Semester Examination, 2021

Online Practical Examination

Subject: BOTA

Subject Category: Honours

Course: BOT-A-CC-5-11-P

Course Name: CELL BIOLOGY

Full Marks: 30

Date of Examination: 19/01/2022

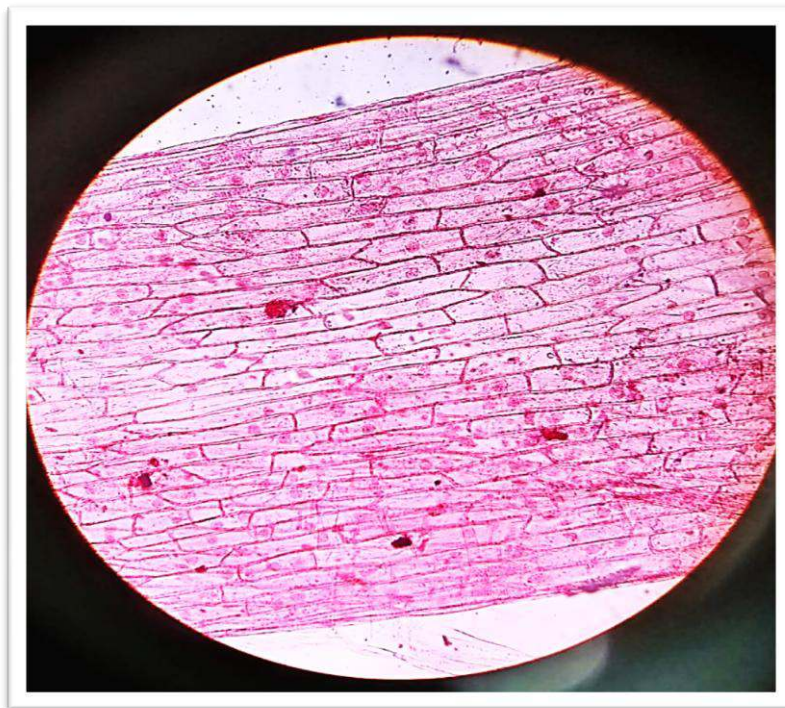
The figures in the margin indicate full marks

All questions carry equal marks

Full Marks – 30

Time – 1 hour & 30 minutes

1. (a). Write down the requirements, procedure for the study of plant cell structure with the help of epidermal peel mount of *Allium cepa*. 3+4
- (b). Write down the observational characteristics of specimen A 3



Specimen A

2. Write down the principle, requirements and procedure for Measurement of *Allium cepa* cell size by the technique of micrometry. 2+4+4

3. Write down the requirement and procedure of the study of nucleolus through hematoxylin staining and determination of nucleolar frequency. (Drawing not necessary). 4+6

Instructions for submission of answer scripts

1. Write the front page/top sheet as per instruction. Give page numbers to each page.
2. Write your CU Roll number and Registration Number in each page.
3. Scan the pages in sequence and make a single PDF file.
4. Rename file as per instruction.
5. Email the PDF file within the stipulated time the following email addresses:

Email IDs :

1) gdcexamhons@gmail.com

2) botahons2020@gmail.com

3) botasem2gdc@gmail.com