

GURUDAS COLLEGE

B. Sc. SEMESTER III (General) Odd Semester Examination, 2021

Online Practical Examination

Subject: BOTG

Subject Category: General

Course: BOT-G-CC-3-3-P

Course Name: CELL BIOLOGY, GENETICS AND MICROBIOLOGY

Date of Examination: 19th Jan, 2022

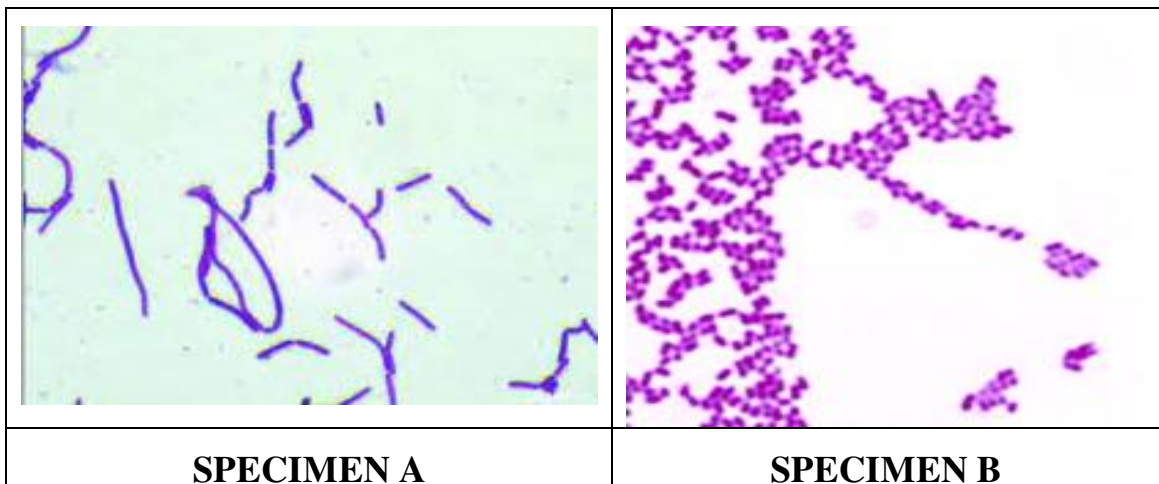
All questions carry equal marks

Time: 1 hour & 30 minutes

FM: 30

- 1) Name one Gram negative and one Gram positive bacteria. Draw and comment on the morphology of one Gram positive bacteria commonly found in curd. Make a flow chart of Gram staining procedure. Write two precautionary measures of this method. 2+2+4+2

- 2) a) Name two Staining agents and two Fixatives used in cytological studies. 2+2
b) Comment on the morphological nature and gram staining nature of the Specimen A and B 3x2

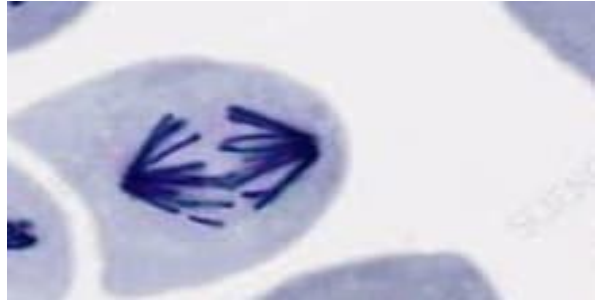


3) Identify the following specimens C, D, E and F with reasons—2.5 X 4



A

SPECIMEN C



SPECIMEN D



SPECIMEN E



SPECIMEN F

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 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 :

gcbotgen@gmail.com

genbotg@gmail.com

generalbotanygurudacollege@gmail.com