

# SEM 3 GEN PRACTICAL EXAMINATION 2021

SUBJECT –BOTG-CC3-3-P  
MARKS – 30

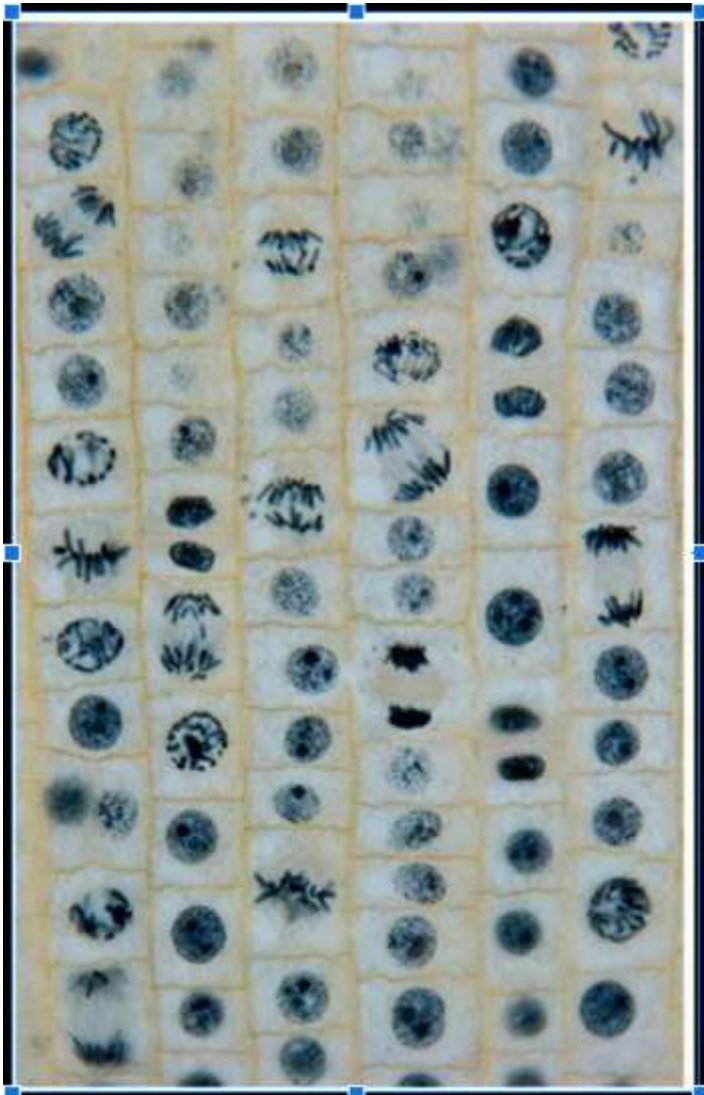
TIME – 2 HR(Including submission upload time)

## • GENERAL INSTRUCTIONS

- Write on only one side of blank A4 pages.
- All four sides should be bordered.
- All drawings should be labeled.
- Paper should be arranged according to page number.
- Marks will be deducted for submission after scheduled time (late submission).

Q1. Find out the mitotic index from the given  
Microscopic field as assigned to the roll number.

5



**SET 1**

**CU ROLL NO.**

193211-22-0008

203211-12-0007

203211-12-0009

203211-12-0010

203211-12-0011

203211-12-0012

203211-12-0013

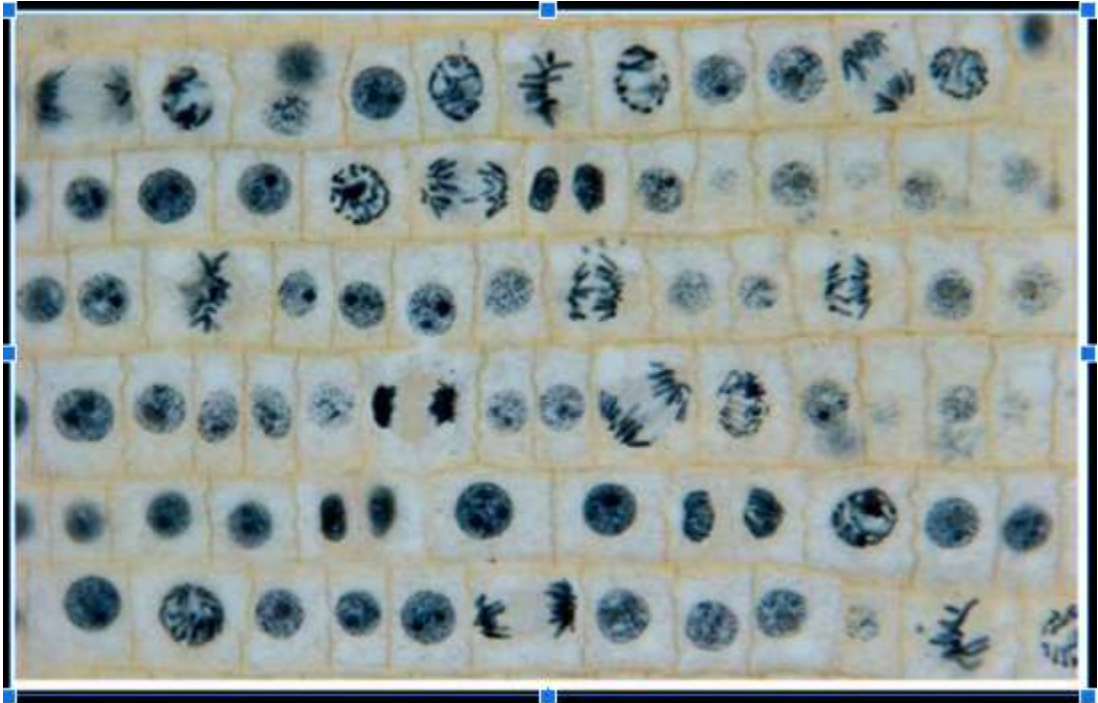
203211-12-0014

203211-12-0015

203211-12-0017

203211-12-0018

203211-12-0019



## SET 2

### CU ROLL NO.

203211-12-0020

203211-12-0023

203211-12-0025

203211-22-0020

203211-22-0021

203211-22-0022

203211-22-0023

203211-22-0024

203211-22-0027

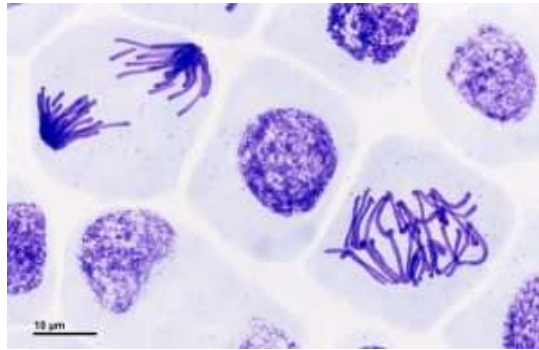
203211-22-0028

203211-22-0029

203211-22-0032

203211-12-0024

Q2. a. From the given picture, identify two mitotic stages and draw them. 2.5x2=5



Ai and Aii

Q2. b. From the given pictures, identify two meiotic stages and draw them. 2.5x2=5

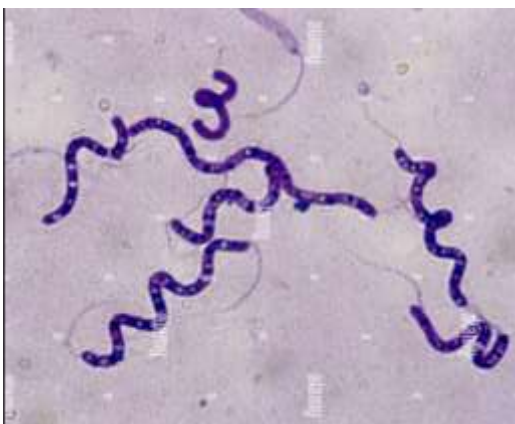


Bi.



Bii

Q3. b. From the given pictures, identify the two bacteria. 2.5x2=5



3a



3b

Q4. Answer any five of the following questions.

1x5=5

1. Which sample do we generally use to study bacteria?
2. Which stain is used in Gm staining method?
3. Which stain is used in staining Gm negative bacteria?
4. Name the chemical which is used in Pre-treatment.
5. Name the chemical which is used for Fixation.
6. Mention one character to differentiate between mitotic and meiotic cells.

Q5. Submit the PDF File of your Practical copy.

( 5 )

2 Marks will be deducted for improper presentation and bad handwriting.