

ASUTOSH COLLEGE
DEPARTMENT OF BOTANY
BOTANY GENERAL

B.Sc. SEMESTER III : (CBCS UNDER CU)

CORE COURSE : 3

CELL BIOLOGY , GENETICS AND MICROBIOLOGY (BOT- G – CC-3-3-P)

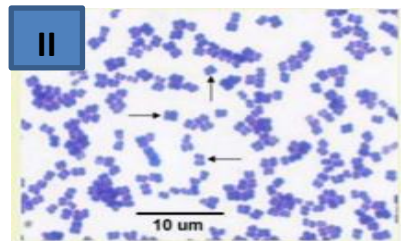
FULL MARKS : 30

TIME : 1hr30mins

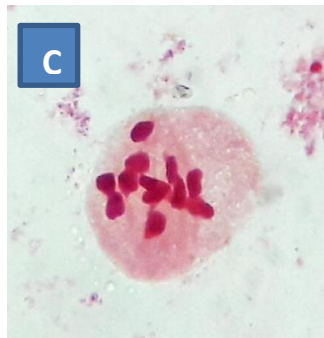
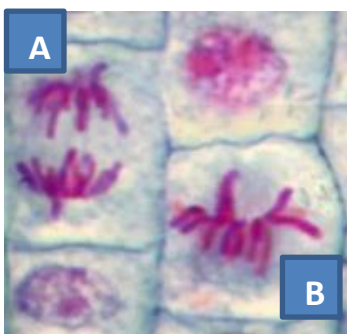
1. Write down the procedure of fixation, staining and squash preparation technique for observation of mitotic cell division in *Allium cepa* root tip .Give a chart of materials required for this procedure

6+4=10

2. Write down the procedure of Gram staining with the help of a flow chart, identify the Gram nature from two microscopic observation given below. Comment on their shape also. 6+2+2=10



3. Identify the divisional stages from the microscopic view given below with proper reasons .



2.5X4 =10

***SEND YOUR ANSWER SCRIPTS IN FOLLOWING EMAIL ID WITHIN 4 PM

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