B.sc. SEM V BOT-A

CC 11-P (Cell and Molecular Biology)

Practical Examination 2020

Time: 1 hr 30 min					FM 30	
Answe	er the followin	g questions:				
1.	b. What is thec. Write the	icrometry? ne value of one division of stag calibration method (formula) of which is a stage of the calculation procedure for the calculation procedure f	of micrometry.	er of cells/ ml of susp	2 1 3 pension using 4	
2.	a. Write the composition of pyronine-methyl green stain.b. Write down the observation of DNA- pyronine-methyl green staining.c. What is the full form of DPA stain?d. How do you prepare fresh DPA reagent?e. How do you calculate the amount of DNA content of a sample using DPA staining?				3 2 1 2 ing? 2	
3.		ne chemical requirements to stude necleolar frequency from the No of cells / microscopic field 50 55 49 47 59	•	necleolar frequency ?	5	

c. Write the principal of RNA estimation through orcinal method

3