
 University of Sadat City	Final Exam:	مناقشات	Course Code:		Percentage	%80	 GEBRI
	Academic Year:	2019\2018	Academic Program:	Master	N. of Exam Paper	One	
	Level:	First	Department:	Mol. Biol. Dep.			
	Course Name:	مناقشات	Total score:		Time allowed:	3 ساعات	

Instructions of Exam:

1. Answer the obligatory questions.
2. Use the blue pen and pencil in answer sheet
3. Allow one sheet answer for every student
4. Is not allowed to borrow the tools (pen, pencils, drawing tools, calculator ...etc)
5. Is not allowed to use the cell phone or any of its application during the time of exam

1st question: (25 marks)

Write short notes on the history of Circulating Tumor Cells (CTCs)

2nd question: (25 marks)

Describe the link between CTC and hepatocellular carcinoma

3rd question: (30 marks)

Describe the different methods of quantifying CTC in biological samples.

With best wishes

Professor of Course	د. محمد د. محمد	Course coordinator	د. محمد د. محمد
Staff Course	د. محمد د. محمد	Department Head	د. محمد د. محمد
Exam group	(Three members accredited by the institute committee)		

نموذج رقم: SQ0000000F101002
الإصدار (0/2) 2018/01/14