
	Year:		Name:	Science	exam bulletin:		
	Semester:	1 <sup>st</sup>	Department:	Compulsory course	Date of Exam:	20/1 /2018	
	Course title:	Seminars	Degree	60	Time of Exam:	3 hours	

**Exam instructions:**

1. Answer questions only prescribed others will not be considered excess to questions.
2. Use only blue pen and pencil on answer sheet.
3. Disposal of paper and one for each student.
4. Trading instruments is not allowed (pens, ruler, calculators, etc.).
5. Mobiles, smart phones, taps, and calculator application on mobile phone are not allowed.

**Answer the following Questions:**

**First question**

**Total score (20)**

- 1- Design an experiment on Mi RNA Target Prediction and Pathway Analysis in embryos Continuous Single Culture Medium?**

**Second question**

**Total score (20)**


- 1-Clarify the interrelation ship between Micro RNAs (mi RNA) and the embryos quality and for subsequent successful pregnancy explaining the mechanism?**

**Third question**

**Total score (20)**

- 1-Define the micro RNA and mention its importance?**

----- *Best wishes* -----

Course Professor:	Prof. Dr. Omaira Khamiss		Course Coordinator:	Prof. Dr. Omaira Khamiss
Examiners:	Prof. Dr. Omaira Khamiss	Dr. Yaser Bastawy	Head of Department:	Prof. Dr. Omaira Khamiss
Examination committee:	Prof. Dr. Omaira Khamiss . Dr. Yaser Bastawy Assoc.Prof. Dr. roba Talaat			